Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047662.D
Acq On : 9 Dec 2020 00:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
mohammad
12/9/2020 12:28:14 PM

Quant Time: Dec 09 03:24:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29638	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	104536	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	83940	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	216928	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	220248	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	231512	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5344	9.60	ng/uL	0.00
5) Phenol-d5	7.36	99	44476	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	24097	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	32343	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	37455	18.60	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	16859	19.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	20032	19.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.65	165	43244	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	42654	20.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	127035	17.42	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	152729	18.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	19961	18.46	ng/ul	0.00
58) Fluorene-d10	15.82	176	120740	17.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	27597	18.79	ng/ul	0.00
71) Anthracene-d10	17.67	188	198714m	18.37	ng/ul	0.00
79) Pyrene-d10	19.94	212	234679	18.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	249300	18.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	4484	7.812	ng/uL	99
4) Benzaldehyde	7.34	77	32823	24.385	ng/ul	97
6) Phenol	7.38	94	44963	18.762	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.62	93	29968	17.972	ng/ul	87
10) 2-Chlorophenol	7.77	128	34235	18.076	ng/ul	90
11) 2-Methylphenol	8.65	108	34686	18.209	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.74	45	29180	18.685	ng/ul#	85
14) Acetophenone	9.04	105	56616	17.824	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.02	70	30269	17.244	ng/ul	92
16) 4-Methylphenol	8.98	108	36949	18.158	ng/ul	81
17) Hexachloroethane	9.31	117	16520	17.842	ng/ul#	84
20) Nitrobenzene	9.42	77	50855	18.855	ng/ul#	88
21) Isophorone	9.95	82	88213	19.033	ng/ul	96
23) 2-Nitrophenol	10.15	139	20470	19.483	ng/ul	92
24) 2,4-Dimethylphenol	10.19	107	48577	19.305	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.43	93	38762	18.259	ng/ul	97
27) 2,4-Dichlorophenol	10.68	162	37500	19.877	ng/ul	98
28) Naphthalene	11.09	128	113617	19.491	ng/ul	98
30) 4-Chloroaniline	11.19	127	40752	21.527	ng/ul	100
31) Hexachlorobutadiene	11.37	225	39063	18.961	ng/ul	94
32) Caprolactam	11.94	113	12093m	19.027	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	42359	18.442	ng/ul	91
34) 2-Methylnaphthalene	12.69	142	83214	18.529	ng/ul	85

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047662.D
Acq On : 9 Dec 2020 00:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
mohammad
12/9/2020 12:28:14 PM

Quant Time: Dec 09 03:24:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	97181	18.664	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	62519	18.742	ng/ul#	93
38) Hexachlorocyclopentadiene	13.03	237	49142	21.098	ng/ul	93
39) 2,4,6-Trichlorophenol	13.27	196	39216	18.004	ng/ul	90
40) 2,4,5-Trichlorophenol	13.35	196	43054	19.110	ng/ul#	90
41) 1,1'-Biphenyl	13.67	154	115933	18.348	ng/ul	91
42) 2-Chloronaphthalene	13.72	162	92594	18.099	ng/ul	96
43) 2-Nitroaniline	13.91	65	34165	18.688	ng/ul	93
45) Dimethylphthalate	14.27	163	132367	17.922	ng/ul#	94
46) 2,6-Dinitrotoluene	14.39	165	26407	16.713	ng/ul#	76
48) Acenaphthylene	14.56	152	140415	18.177	ng/ul	98
49) 3-Nitroaniline	14.72	138	21764	20.189	ng/ul#	93
50) Acenaphthene	14.90	153	97014	17.768	ng/ul	97
51) 2,4-Dinitrophenol	14.93	184	16586	18.183	ng/ul	91
53) 4-Nitrophenol	15.02	109	35337	19.855	ng/ul	95
54) Dibenzofuran	15.23	168	145054	18.208	ng/ul	89
55) 2,4-Dinitrotoluene	15.18	165	40101	17.988	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.45	232	41032	19.468	ng/ul#	95
57) Diethylphthalate	15.63	149	127566	17.696	ng/ul	96
59) Fluorene	15.88	166	121568	17.848	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.86	204	76247	17.911	ng/ul	96
61) 4-Nitroaniline	15.88	138	25319	21.052	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.94	198	27610	18.649	ng/ul#	99
65) N-Nitrosodiphenylamine	16.08	169	112502	18.815	ng/ul#	91
66) 4-Bromophenyl-phenylether	16.76	248	52321	18.703	ng/ul	90
67) Hexachlorobenzene	16.88	284	56920	18.656	ng/ul	97
68) Atrazine	17.01	200	51298	18.517	ng/ul	97
69) Pentachlorophenol	17.22	266	28444	21.563	ng/ul	95
70) Phenanthrene	17.61	178	218867	18.615	ng/ul	97
72) Anthracene	17.70	178	217847	18.588	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	64219	18.892	ng/uL	94
74) Pentachlorobenzene	15.15	250	62883	18.558	ng/uL	91
75) Carbazole	17.97	167	182703	19.548	ng/ul	94
76) Di-n-butylphthalate	18.51	149	217827	18.245	ng/ul	99
77) Fluoranthene	19.61	202	296791	19.839	ng/ul	99
80) Pyrene	19.97	202	299966	18.726	ng/ul	100
81) Butylbenzylphthalate	20.83	149	97932	18.375	ng/ul	87
82) 3,3'-Dichlorobenzidine	21.73	252	98000	19.470	ng/ul	100
83) Benzo(a)anthracene	21.83	228	292010	18.558	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.71	149	135859	18.163	ng/ul	96
85) Chrysene	21.90	228	276012	18.585	ng/ul	98
87) Di-n-octyl phthalate	22.97	149	230469	18.889	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	305791	18.921	ng/ul#	97
89) Benzo(k)fluoranthene	24.21	252	292859m	18.285	ng/ul	
91) Benzo(a)pyrene	25.05	252	268087	18.395	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.07	276	330281m	18.584	ng/ul	
93) Dibenzo(a,h)anthracene	29.13	278	275223	18.475	ng/ul	98
94) Benzo(g,h,i)perylene	30.28	276	273135	18.719	ng/ul#	93

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047662.D
Acq On : 9 Dec 2020 00:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 03:24:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
mohammad
12/9/2020 12:28:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047662.D
Acq On : 9 Dec 2020 00:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 03:24:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
mohammad
12/9/2020 12:28:14 PM