Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047624.D
Acq On : 7 Dec 2020 19:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02032

Manual Integrations APPROVED
mohammad
12/9/2020 12:18:43 PM

Quant Time: Dec 08 04:11:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28218	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	103383	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	85093	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	214410	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	206271	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	220188	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4143	7.82	ng/uL	0.00
5) Phenol-d5	7.35	99	43381	17.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	24713	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	33714	18.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	34012	17.74	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	16256	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	19590	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	42723	19.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	34727	17.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	132035	17.86	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	154452	18.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	19456	17.75	ng/ul	0.00
58) Fluorene-d10	15.82	176	124284	18.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	27410	18.89	ng/ul	0.00
71) Anthracene-d10	17.67	188	202141	18.90	ng/ul	0.00
79) Pyrene-d10	19.94	212	239966	19.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	238506	18.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4348	7.956	ng/uL#	62
4) Benzaldehyde	7.35	77	23177	18.085	ng/ul#	78
6) Phenol	7.37	94	43867	19.226	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.62	93	28408	17.894	ng/ul	95
10) 2-Chlorophenol	7.77	128	32531	18.041	ng/ul#	73
11) 2-Methylphenol	8.64	108	34755	19.163	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.74	45	27950	18.798	ng/ul#	88
14) Acetophenone	9.04	105	57196	18.913	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.02	70	30267	18.110	ng/ul#	96
16) 4-Methylphenol	8.97	108	35848	18.504	ng/ul#	71
17) Hexachloroethane	9.32	117	17552	19.910	ng/ul	95
20) Nitrobenzene	9.43	77	51063	19.143	ng/ul#	94
21) Isophorone	9.95	82	90205	19.680	ng/ul	97
23) 2-Nitrophenol	10.15	139	20015	19.263	ng/ul	88
24) 2,4-Dimethylphenol	10.19	107	45420	18.251	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.43	93	40698	19.385	ng/ul	92
27) 2,4-Dichlorophenol	10.68	162	37782	20.250	ng/ul	98
28) Naphthalene	11.09	128	110163	19.109	ng/ul	98
30) 4-Chloroaniline	11.19	127	31438	16.792	ng/ul	100
31) Hexachlorobutadiene	11.38	225	38932	19.108	ng/ul	95
32) Caprolactam	11.94	113	12132m	19.301	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	42166	18.562	ng/ul	99
34) 2-Methylnaphthalene	12.68	142	83827	18.874	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	99411	19.305	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	62814	18.575	ng/ul	96
38) Hexachlorocyclopentadiene	13.03	237	46131	19.537	ng/ul	94
39) 2,4,6-Trichlorophenol	13.27	196	39936	18.086	ng/ul	95
40) 2,4,5-Trichlorophenol	13.35	196	42606	18.655	ng/ul	91
41) 1,1'-Biphenyl	13.67	154	119299	18.625	ng/ul	88
42) 2-Chloronaphthalene	13.72	162	92390	17.814	ng/ul	96
43) 2-Nitroaniline	13.91	65	33369	18.005	ng/ul	92
45) Dimethylphthalate	14.28	163	135670	18.120	ng/ul	99
46) 2,6-Dinitrotoluene	14.40	165	27693	17.290	ng/ul	95
48) Acenaphthylene	14.56	152	137731	17.588	ng/ul#	97
49) 3-Nitroaniline	14.72	138	16861	15.429	ng/ul#	87
50) Acenaphthene	14.90	153	100898	18.229	ng/ul	98
51) 2,4-Dinitrophenol	14.94	184	16357	17.689	ng/ul#	73
53) 4-Nitrophenol	15.02	109	35042	19.423	ng/ul	97
54) Dibenzofuran	15.23	168	144849	17.936	ng/ul	89
55) 2,4-Dinitrotoluene	15.18	165	40578	17.955	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.45	232	39687	18.575	ng/ul	96
57) Diethylphthalate	15.63	149	132801	18.172	ng/ul	100
59) Fluorene	15.88	166	125646	18.196	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.86	204	77885	18.048	ng/ul	99
61) 4-Nitroaniline	15.88	138	20304	16.653	ng/ul#	74
64) 4,6-Dinitro-2-methylphenol	15.94	198	26207	17.909	ng/ul#	96
65) N-Nitrosodiphenylamine	16.08	169	113074	19.132	ng/ul#	91
66) 4-Bromophenyl-phenylether	16.76	248	53962	19.516	ng/ul	98
67) Hexachlorobenzene	16.88	284	58394	19.364	ng/ul	100
68) Atrazine	17.01	200	51197	18.697	ng/ul	93
69) Pentachlorophenol	17.22	266	20919	16.044	ng/ul	96
70) Phenanthrene	17.62	178	220228	18.951	ng/ul	98
72) Anthracene	17.71	178	218213	18.838	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	63876	19.012	ng/uL	96
74) Pentachlorobenzene	15.15	250	64050	19.124	ng/uL	98
75) Carbazole	17.97	167	180893	19.582	ng/ul	98
76) Di-n-butylphthalate	18.51	149	224106	18.991	ng/ul	98
77) Fluoranthene	19.61	202	297918	20.148	ng/ul	99
80) Pyrene	19.97	202	287119	19.139	ng/ul#	98
81) Butylbenzylphthalate	20.84	149	94998	19.032	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.73	252	87027	18.462	ng/ul	96
83) Benzo(a)anthracene	21.83	228	284095	19.278	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.72	149	133946	19.120	ng/ul	93
85) Chrysene	21.90	228	273071	19.633	ng/ul	98
87) Di-n-octyl phthalate	22.97	149	222367	19.163	ng/ul	100
88) Benzo(b)fluoranthene	24.13	252	296181m	19.269	ng/ul	
89) Benzo(k)fluoranthene	24.21	252	286040	18.778	ng/ul#	98
91) Benzo(a)pyrene	25.05	252	259758	18.740	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.06	276	314866m	18.627	ng/ul	
93) Dibenzo(a,h)anthracene	29.14	278	263352m	18.587	ng/ul	
94) Benzo(g,h,i)perylene	30.27	276	259296m	18.684	ng/ul	

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

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

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