Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047650.D
Acq On : 8 Dec 2020 16:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
mohammad
12/9/2020 12:27:52 PM

Quant Time: Dec 08 17:45:23 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	23249	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	87146	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	74273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	211231	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	208602	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	220835	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3512m	8.04	ng/uL	0.00
5) Phenol-d5	7.35	99	36570	18.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	19961	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	28157	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	29403	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	14276m	20.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	17396	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	35797	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	37832	22.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	117193	18.17	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	134334	18.23	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	21237	22.20	ng/ul	0.00
58) Fluorene-d10	15.82	176	108366	18.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	24906	17.42	ng/ul	0.00
71) Anthracene-d10	17.67	188	196866	18.69	ng/ul	0.00
79) Pyrene-d10	19.94	212	233600	18.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	240992	18.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4059	9.015	ng/uL#	70
4) Benzaldehyde	7.34	77	25390	24.046	ng/ul	98
6) Phenol	7.38	94	36296	19.308	ng/ul	88
8) Bis(2-Chloroethyl)ether	7.62	93	25007	19.119	ng/ul#	92
10) 2-Chlorophenol	7.77	128	26863	18.082	ng/ul#	85
11) 2-Methylphenol	8.65	108	27997	18.736	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.74	45	23299	19.019	ng/ul#	86
14) Acetophenone	9.04	105	47094	18.901	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.02	70	26106	18.959	ng/ul#	91
16) 4-Methylphenol	8.98	108	30853	19.329	ng/ul	92
17) Hexachloroethane	9.31	117	13173	18.137	ng/ul	95
20) Nitrobenzene	9.43	77	42584	18.939	ng/ul#	83
21) Isophorone	9.95	82	71058	18.391	ng/ul	94
23) 2-Nitrophenol	10.14	139	17135	19.563	ng/ul	90
24) 2,4-Dimethylphenol	10.19	107	39220	18.696	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.43	93	32503	18.366	ng/ul#	87
27) 2,4-Dichlorophenol	10.68	162	32230	20.492	ng/ul#	88
28) Naphthalene	11.09	128	91923	18.916	ng/ul	96
30) 4-Chloroaniline	11.19	127	34362	21.773	ng/ul	90
31) Hexachlorobutadiene	11.37	225	34191	19.908	ng/ul#	79
32) Caprolactam	11.94	113	11437m	21.586	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	37152	19.402	ng/ul	98
34) 2-Methylnaphthalene	12.68	142	67173	17.942	ng/ul#	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	81479	18.771	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	52274	17.710	ng/ul	96
38) Hexachlorocyclopentadiene	13.02	237	27306	13.249	ng/ul#	86
39) 2,4,6-Trichlorophenol	13.27	196	34486	17.893	ng/ul	97
40) 2,4,5-Trichlorophenol	13.35	196	37166	18.643	ng/ul#	76
41) 1,1'-Biphenyl	13.67	154	101130	18.088	ng/ul	94
42) 2-Chloronaphthalene	13.72	162	79130	17.480	ng/ul	91
43) 2-Nitroaniline	13.91	65	29353	18.146	ng/ul	89
45) Dimethylphthalate	14.28	163	120774	18.480	ng/ul	97
46) 2,6-Dinitrotoluene	14.40	165	24577	17.580	ng/ul#	92
48) Acenaphthylene	14.56	152	120188	17.584	ng/ul#	96
49) 3-Nitroaniline	14.72	138	20202	21.179	ng/ul#	65
50) Acenaphthene	14.90	153	85783	17.756	ng/ul	98
51) 2,4-Dinitrophenol	14.93	184	15528	19.239	ng/ul#	85
53) 4-Nitrophenol	15.02	109	34751	22.067	ng/ul	90
54) Dibenzofuran	15.23	168	127239	18.051	ng/ul	91
55) 2,4-Dinitrotoluene	15.18	165	37991	19.259	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.45	232	36515	19.580	ng/ul	96
57) Diethylphthalate	15.63	149	116915	18.329	ng/ul	98
59) Fluorene	15.88	166	114859	19.057	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.86	204	67744	17.985	ng/ul	94
61) 4-Nitroaniline	15.88	138	22025	20.697	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.94	198	25820	17.910	ng/ul#	86
65) N-Nitrosodiphenylamine	16.07	169	101469	17.427	ng/ul	95
66) 4-Bromophenyl-phenylether	16.76	248	49836m	18.295	ng/ul	
67) Hexachlorobenzene	16.88	284	55039	18.526	ng/ul#	90
68) Atrazine	17.01	200	51999	19.276	ng/ul	89
69) Pentachlorophenol	17.22	266	29647	23.081	ng/ul	95
70) Phenanthrene	17.62	178	213046	18.609	ng/ul	99
72) Anthracene	17.70	178	211046	18.493	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	54116	16.350	ng/uL	95
74) Pentachlorobenzene	15.15	250	55978	16.965	ng/uL	95
75) Carbazole	17.97	167	179797	19.756	ng/ul	96
76) Di-n-butylphthalate	18.51	149	221289	19.034	ng/ul	99
77) Fluoranthene	19.61	202	292772	20.098	ng/ul#	98
80) Pyrene	19.97	202	292348	19.269	ng/ul#	96
81) Butylbenzylphthalate	20.84	149	93302	18.483	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.73	252	94763	19.878	ng/ul	94
83) Benzo(a)anthracene	21.83	228	279669	18.766	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.72	149	129996	18.349	ng/ul	97
85) Chrysene	21.90	228	267771	19.037	ng/ul	98
87) Di-n-octyl phthalate	22.97	149	216185	18.575	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	285457	18.517	ng/ul	96
89) Benzo(k)fluoranthene	24.21	252	280740	18.376	ng/ul	100
91) Benzo(a)pyrene	25.05	252	256897	18.480	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.08	276	312307m	18.422	ng/ul	
93) Dibenzo(a,h)anthracene	29.13	278	260105	18.304	ng/ul	99
94) Benzo(g,h,i)perylene	30.27	276	258634	18.582	ng/ul#	89

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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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