Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047648.D
Acq On : 8 Dec 2020 12:58
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02034

Manual Integrations APPROVED
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12/9/2020 12:19:46 PM

Quant Time: Dec 08 15:22:54 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	39162	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	153895	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	118715	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	294410m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	260626	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	277805	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	4821m	6.56	ng/uL	0.00
5) Phenol-d5	7.36	99	64821	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	33336	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	50467	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	51466	19.35	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	24478	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	28988	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	63895	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	50719	16.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	187739	18.21	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	223860	19.01	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	27329	17.87	ng/ul	0.00
58) Fluorene-d10	15.82	176	182020	19.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	32363	16.24	ng/ul	0.00
71) Anthracene-d10	17.67	188	274969	18.72	ng/ul	0.00
79) Pyrene-d10	19.94	212	295168	19.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	301523	18.58	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	5253	6.926	ng/uL	93
4) Benzaldehyde	7.34	77	35011	19.685	ng/ul	89
6) Phenol	7.38	94	60871	19.223	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.63	93	40928	18.576	ng/ul#	89
10) 2-Chlorophenol	7.77	128	46917	18.748	ng/ul#	85
11) 2-Methylphenol	8.65	108	47790	18.987	ng/ul	82
12) 2,2'-oxybis(1-Chloropropan	8.74	45	38475	18.645	ng/ul#	80
14) Acetophenone	9.04	105	79569	18.959	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.02	70	43037	18.555	ng/ul	89
16) 4-Methylphenol	8.98	108	52689	19.596	ng/ul	96
17) Hexachloroethane	9.32	117	22033	18.009	ng/ul#	79
20) Nitrobenzene	9.43	77	69327	17.460	ng/ul#	96
21) Isophorone	9.95	82	125433	18.384	ng/ul	98
23) 2-Nitrophenol	10.14	139	30549	19.751	ng/ul	97
24) 2,4-Dimethylphenol	10.19	107	70003	18.897	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.43	93	59138	18.922	ng/ul	93
27) 2,4-Dichlorophenol	10.68	162	55280	19.903	ng/ul	91
28) Naphthalene	11.09	128	162076	18.886	ng/ul	98
30) 4-Chloroaniline	11.19	127	48579	17.431	ng/ul	95
31) Hexachlorobutadiene	11.38	225	56650	18.678	ng/ul	89
32) Caprolactam	11.94	113	18544m	19.819	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	63393	18.747	ng/ul	88
34) 2-Methylnaphthalene	12.69	142	124956	18.900	ng/ul	87

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35) 1-Methylnaphthalene	12.90	142	142827	18.633	ng/uL	96
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	91803	19.459	ng/ul#	91
38) Hexachlorocyclopentadiene	13.03	237	40742	12.368	ng/ul	96
39) 2,4,6-Trichlorophenol	13.28	196	61217	19.872	ng/ul	98
40) 2,4,5-Trichlorophenol	13.35	196	62366	19.573	ng/ul#	76
41) 1,1'-Biphenyl	13.68	154	175319	19.618	ng/ul	92
42) 2-Chloronaphthalene	13.73	162	139032	19.215	ng/ul	93
43) 2-Nitroaniline	13.91	65	49778	19.252	ng/ul	92
45) Dimethylphthalate	14.28	163	191785	18.360	ng/ul#	98
46) 2,6-Dinitrotoluene	14.40	165	39207	17.546	ng/ul	93
48) Acenaphthylene	14.57	152	205797	18.837	ng/ul#	95
49) 3-Nitroaniline	14.73	138	30959	20.306	ng/ul#	85
50) Acenaphthene	14.90	153	147481	19.099	ng/ul	98
51) 2,4-Dinitrophenol	14.94	184	20813	16.133	ng/ul#	86
53) 4-Nitrophenol	15.02	109	51437	20.436	ng/ul	93
54) Dibenzofuran	15.24	168	215507	19.128	ng/ul	88
55) 2,4-Dinitrotoluene	15.18	165	58199	18.459	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.45	232	61639	20.679	ng/ul#	97
57) Diethylphthalate	15.63	149	185054	18.151	ng/ul	99
59) Fluorene	15.88	166	184441	19.146	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.86	204	112103	18.620	ng/ul	96
61) 4-Nitroaniline	15.88	138	34071	20.031	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.95	198	32946m	16.396	ng/ul	
65) N-Nitrosodiphenylamine	16.08	169	162979	20.083	ng/ul	93
66) 4-Bromophenyl-phenylether	16.76	248	76003	20.018	ng/ul	92
67) Hexachlorobenzene	16.88	284	80502	19.442	ng/ul	96
68) Atrazine	17.02	200	72151	19.190	ng/ul	99
69) Pentachlorophenol	17.22	266	45847	25.608	ng/ul	99
70) Phenanthrene	17.62	178	302964m	18.986	ng/ul	
72) Anthracene	17.71	178	298922	18.793	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	98415	21.333	ng/uL	99
74) Pentachlorobenzene	15.15	250	91850	19.972	ng/uL	97
75) Carbazole	17.97	167	241993	19.078	ng/ul	97
76) Di-n-butylphthalate	18.51	149	293729	18.127	ng/ul	98
77) Fluoranthene	19.61	202	378995m	18.666	ng/ul	
80) Pyrene	19.97	202	361039	19.047	ng/ul	99
81) Butylbenzylphthalate	20.83	149	119106	18.885	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.73	252	94310	15.834	ng/ul#	99
83) Benzo(a)anthracene	21.83	228	352375	18.925	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.72	149	166625	18.824	ng/ul	96
85) Chrysene	21.90	228	326330	18.569	ng/ul	99
87) Di-n-octyl phthalate	22.97	149	274348	18.739	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	361499	18.641	ng/ul#	94
89) Benzo(k)fluoranthene	24.21	252	349163	18.168	ng/ul	100
91) Benzo(a)pyrene	25.05	252	318849	18.233	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	29.08	276	404182m	18.952	ng/ul	
93) Dibenzo(a,h)anthracene	29.14	278	336579	18.829	ng/ul#	98
94) Benzo(g,h,i)perylene	30.29	276	328983m	18.789	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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