Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048201.D
Acq On : 18 Feb 2021 18:46
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02037

Quant Time: Feb 18 23:23:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 18 12:52:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	160764	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	116125	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	287167	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	296888	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	291970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5823	6.26	ng/uL	0.00
5) Phenol-d5	7.30	99	60713	18.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	36407	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	44889	19.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	48207	18.84	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	21060	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	26809	18.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	50650	17.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	59447	21.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	155994	18.13	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	192276	18.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	25926	17.74	ng/ul	0.00
58) Fluorene-d10	15.73	176	139018	18.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	33460	19.00	ng/ul	0.00
71) Anthracene-d10	17.58	188	226137	18.37	ng/ul	0.00
79) Pyrene-d10	19.86	212	269719	18.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	275337	18.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	6230	5.842	ng/uL#	82
4) Benzaldehyde	7.25	77	43932	22.909	ng/ul	93
6) Phenol	7.32	94	64491	19.150	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.53	93	45688	17.963	ng/ul	92
10) 2-Chlorophenol	7.69	128	45970	18.978	ng/ul	90
11) 2-Methylphenol	8.58	108	46729	19.178	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.63	45	61792	18.588	ng/ul	97
14) Acetophenone	8.94	105	77850	18.681	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.92	70	43953	18.993	ng/ul	94
16) 4-Methylphenol	8.91	108	49162	18.698	ng/ul	85
17) Hexachloroethane	9.20	117	21131	19.530	ng/ul	83
20) Nitrobenzene	9.33	77	65145	17.810	ng/ul	99
21) Isophorone	9.85	82	114661	17.743	ng/ul	98
23) 2-Nitrophenol	10.04	139	27790	18.762	ng/ul	96
24) 2,4-Dimethylphenol	10.11	107	60645	18.502	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	62469	17.149	ng/ul	93
27) 2,4-Dichlorophenol	10.59	162	50645	18.609	ng/ul#	90
28) Naphthalene	10.98	128	146996	18.128	ng/ul	99
30) 4-Chloroaniline	11.10	127	59473	20.624	ng/ul	99
31) Hexachlorobutadiene	11.25	225	43687	18.406	ng/ul	94
32) Caprolactam	11.89	113	16239	17.099	ng/ul	87
33) 4-Chloro-3-methylphenol	12.23	107	55881	18.547	ng/ul	96
34) 2-Methylnaphthalene	12.58	142	108239	17.561	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	102912	17.261 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	76522	18.318 ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	48296	17.933 ng/ul#	92
39) 2,4,6-Trichlorophenol	13.19	196	51069	19.853 ng/ul	95
40) 2,4,5-Trichlorophenol	13.27	196	53691	20.539 ng/ul	91
41) 1,1'-Biphenyl	13.57	154	144572	18.149 ng/ul	97
42) 2-Chloronaphthalene	13.62	162	124375	18.949 ng/ul	97
43) 2-Nitroaniline	13.83	65	44436	19.576 ng/ul	94
45) Dimethylphthalate	14.19	163	162273	18.250 ng/ul	98
46) 2,6-Dinitrotoluene	14.32	165	34007	18.184 ng/ul	97
48) Acenaphthylene	14.46	152	176867	18.807 ng/ul	96
49) 3-Nitroaniline	14.66	138	32444	20.583 ng/ul	91
50) Acenaphthene	14.80	153	125857	17.832 ng/ul	96
51) 2,4-Dinitrophenol	14.86	184	20638	17.671 ng/ul	97
53) 4-Nitrophenol	15.00	109	30226	18.318 ng/ul	92
54) Dibenzofuran	15.14	168	188421	18.292 ng/ul	99
55) 2,4-Dinitrotoluene	15.11	165	50122	18.659 ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.37	232	50025	18.719 ng/ul#	94
57) Diethylphthalate	15.54	149	164425	17.913 ng/ul	97
59) Fluorene	15.78	166	151846	18.234 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.77	204	91763	18.368 ng/ul	98
61) 4-Nitroaniline	15.81	138	34472	19.427 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.87	198	33171	18.907 ng/ul#	96
65) N-Nitrosodiphenylamine	15.99	169	136569	18.529 ng/ul	98
66) 4-Bromophenyl-phenylether	16.67	248	60532	17.833 ng/ul	97
67) Hexachlorobenzene	16.79	284	64825	18.018 ng/ul	95
68) Atrazine	16.94	200	56099	17.021 ng/ul	98
69) Pentachlorophenol	17.14	266	37386	18.609 ng/ul	96
70) Phenanthrene	17.53	178	264398	18.325 ng/ul	98
72) Anthracene	17.62	178	272110	18.696 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	78559	18.309 ng/uL	92
74) Pentachlorobenzene	15.06	250	76961	18.293 ng/uL	97
75) Carbazole	17.89	167	234799	19.291 ng/ul	99
76) Di-n-butylphthalate	18.43	149	279437	18.821 ng/ul	99
77) Fluoranthene	19.53	202	338668	19.252 ng/ul	99
80) Pyrene	19.89	202	337760	18.311 ng/ul	99
81) Butylbenzylphthalate	20.77	149	121957	18.895 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.65	252	95512	15.724 ng/ul	93
83) Benzo(a)anthracene	21.74	228	345520	18.628 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	165257	17.633 ng/ul	100
85) Chrysene	21.81	228	335453	18.924 ng/ul	99
87) Di-n-octyl phthalate	22.86	149	290706	19.390 ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	336536	18.355 ng/ul#	97
89) Benzo(k)fluoranthene	24.07	252	340862	18.983 ng/ul	98
91) Benzo(a)pyrene	24.89	252	306282	18.986 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.79	276	387165	18.760 ng/ul#	95
93) Dibenzo(a,h)anthracene	28.86	278	323119	18.723 ng/ul	98
94) Benzo(g,h,i)perylene	29.97	276	303219	17.668 ng/ul	97

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

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