Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048218.D
Acq On : 20 Feb 2021 00:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02040

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Quant Time: Feb 20 01:31:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 19 22:42:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	137932	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	103320	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	273219	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	296311	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	298286	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6421	7.40	ng/uL	0.00
5) Phenol-d5	7.29	99	63679	20.91	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	37102	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	45431	21.26	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	47817	20.02	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	22304	21.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	26361	21.15	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.55	165	51356	21.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	58774	24.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	159395	20.83	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	197864	21.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	25958	19.96	ng/ul	-0.01
58) Fluorene-d10	15.72	176	147067	21.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	34570	20.64	ng/ul	0.00
71) Anthracene-d10	17.58	188	254335	21.71	ng/ul	0.00
79) Pyrene-d10	19.86	212	311279	21.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	323577	21.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	7625	7.660	ng/uL#	79
4) Benzaldehyde	7.25	77	44938	25.106	ng/ul	98
6) Phenol	7.32	94	64686	20.578	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.53	93	47877	20.168	ng/ul	93
10) 2-Chlorophenol	7.68	128	46547	20.588	ng/ul#	87
11) 2-Methylphenol	8.57	108	45606	20.053	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.63	45	65317	21.051	ng/ul	98
14) Acetophenone	8.94	105	80699	20.747	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.91	70	45188	20.921	ng/ul	98
16) 4-Methylphenol	8.89	108	50156	20.437	ng/ul	99
17) Hexachloroethane	9.20	117	20459	20.259	ng/ul	93
20) Nitrobenzene	9.33	77	67883	21.631	ng/ul	98
21) Isophorone	9.84	82	116694	21.047	ng/ul	98
23) 2-Nitrophenol	10.04	139	29478	23.196	ng/ul	94
24) 2,4-Dimethylphenol	10.10	107	60632	21.560	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.32	93	65798	21.052	ng/ul	97
27) 2,4-Dichlorophenol	10.58	162	52002	22.271	ng/ul#	89
28) Naphthalene	10.98	128	150454	21.626	ng/ul	97
30) 4-Chloroaniline	11.09	127	61477	24.848	ng/ul	97
31) Hexachlorobutadiene	11.25	225	43490	21.356	ng/ul	94
32) Caprolactam	11.85	113	18456m	22.651	ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	57936	22.412	ng/ul	93
34) 2-Methylnaphthalene	12.57	142	109844	20.772	ng/ul	100

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35) 1-Methylnaphthalene	12.79	142	106249	20.771	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	78952	21.242	ng/ul	97
38) Hexachlorocyclopentadiene	12.91	237	47646	19.884	ng/ul	88
39) 2,4,6-Trichlorophenol	13.18	196	50103	21.892	ng/ul	93
40) 2,4,5-Trichlorophenol	13.26	196	52272	22.474	ng/ul	99
41) 1,1'-Biphenyl	13.57	154	149757	21.129	ng/ul	98
42) 2-Chloronaphthalene	13.61	162	125494	21.489	ng/ul	97
43) 2-Nitroaniline	13.83	65	46067	22.810	ng/ul	95
45) Dimethylphthalate	14.18	163	168267	21.269	ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	36361	21.853	ng/ul	86
48) Acenaphthylene	14.46	152	179258	21.424	ng/ul	98
49) 3-Nitroaniline	14.65	138	35229	25.120	ng/ul	97
50) Acenaphthene	14.80	153	135444	21.569	ng/ul	96
51) 2,4-Dinitrophenol	14.86	184	19491	18.757	ng/ul	88
53) 4-Nitrophenol	14.98	109	31439	21.415	ng/ul	99
54) Dibenzofuran	15.13	168	198803	21.692	ng/ul	100
55) 2,4-Dinitrotoluene	15.10	165	53562	22.411	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.37	232	51881	21.819	ng/ul	99
57) Diethylphthalate	15.54	149	175232	21.457	ng/ul	99
59) Fluorene	15.78	166	161077	21.740	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.77	204	97383	21.909	ng/ul	99
61) 4-Nitroaniline	15.81	138	37728	23.897	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	34783	20.837	ng/ul#	92
65) N-Nitrosodiphenylamine	15.99	169	144423	20.595	ng/ul	94
66) 4-Bromophenyl-phenylether	16.66	248	65358	20.238	ng/ul	97
67) Hexachlorobenzene	16.79	284	71706	20.947	ng/ul	97
68) Atrazine	16.93	200	69821	22.266	ng/ul	98
69) Pentachlorophenol	17.14	266	34052	17.815	ng/ul	95
70) Phenanthrene	17.52	178	295786	21.547	ng/ul	98
72) Anthracene	17.62	178	302221	21.825	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	82667	20.250	ng/uL	95
74) Pentachlorobenzene	15.05	250	81052	20.248	ng/uL	97
75) Carbazole	17.89	167	268021	23.144	ng/ul	98
76) Di-n-butylphthalate	18.43	149	320004	22.654	ng/ul	98
77) Fluoranthene	19.53	202	398229	23.793	ng/ul	98
80) Pyrene	19.89	202	394119	21.408	ng/ul	98
81) Butylbenzylphthalate	20.76	149	143251	22.237	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.65	252	141170	23.286	ng/ul	100
83) Benzo(a)anthracene	21.73	228	400311	21.624	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	203795	21.787	ng/ul	99
85) Chrysene	21.80	228	387654	21.911	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	348170	22.731	ng/ul	100
88) Benzo(b)fluoranthene	23.99	252	400783	21.397	ng/ul	99
89) Benzo(k)fluoranthene	24.06	252	397739	21.681	ng/ul	94
91) Benzo(a)pyrene	24.88	252	354462	21.507	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.79	276	446848	21.194	ng/ul	100
93) Dibenzo(a,h)anthracene	28.84	278	381973m	21.665	ng/ul	
94) Benzo(g,h,i)perylene	29.95	276	367186m	20.943	ng/ul	

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

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