Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048189.D
Acq On : 17 Feb 2021 14:38
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02035

Manual Integrations APPROVED
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Quant Time: Feb 17 17:37:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 06:21:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49340	20.00	ng/ul	0.03
18) Naphthalene-d8	10.95	136	186266	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.75	164	128435	20.00	ng/ul	0.03
62) Phenanthrene-d10	17.50	188	291515	20.00	ng/ul	0.04
78) Chrysene-d12	21.78	240	291392	20.00	ng/ul	0.05
86) Perylene-d12	25.09	264	296339	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	8033	6.78	ng/uL	0.02
5) Phenol-d5	7.33	99	76385	18.37	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	7.46	67	45766	18.48	ng/ul	0.03
9) 2-Chlorophenol-d4	7.67	132	56674	19.42	ng/ul	0.05
13) 4-Methylphenol-d8	8.88	113	60033	18.41	ng/ul	0.09
19) Nitrobenzene-d5	9.30	128	28735	20.65	ng/ul	0.04
22) 2-Nitrophenol-d4	10.03	143	36199	21.51	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.59	165	65466m	19.86	ng/ul	0.06
29) 4-Chloroaniline-d4	11.09	131	73830	22.67	ng/ul	0.05
44) Dimethylphthalate-d6	14.17	166	184687	19.41	ng/ul	0.05
47) Acenaphthylene-d8	14.46	160	229822	19.76	ng/ul	0.03
52) 4-Nitrophenol-d4	15.02	143	30915	19.12	ng/ul	0.12
58) Fluorene-d10	15.75	176	162669	19.17	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.88	200	35639m	19.94	ng/ul	0.06
71) Anthracene-d10	17.60	188	258355m	20.67	ng/ul	0.03
79) Pyrene-d10	19.88	212	290597	19.97	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.86	264	294607	19.49	ng/ul	0.09
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	8908	6.554	ng/uL#	95
4) Benzaldehyde	7.28	77	55507	22.711	ng/ul	98
6) Phenol	7.36	94	81504	18.989	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.55	93	59314	18.298	ng/ul	86
10) 2-Chlorophenol	7.71	128	59126	19.153	ng/ul	94
11) 2-Methylphenol	8.61	108	59117	19.037	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.66	45	77899	18.386	ng/ul#	92
14) Acetophenone	8.97	105	101072	19.030	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.95	70	55708	18.889	ng/ul#	92
16) 4-Methylphenol	8.94	108	64421	19.224	ng/ul	97
17) Hexachloroethane	9.21	117	26636	19.316	ng/ul	97
20) Nitrobenzene	9.35	77	83642	19.737	ng/ul	97
21) Isophorone	9.89	82	143507	19.167	ng/ul	97
23) 2-Nitrophenol	10.06	139	36735	21.406	ng/ul	97
24) 2,4-Dimethylphenol	10.14	107	76342	20.102	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.35	93	79679	18.878	ng/ul#	98
27) 2,4-Dichlorophenol	10.61	162	66587	21.117	ng/ul	95
28) Naphthalene	10.99	128	184136	19.599	ng/ul	98
30) 4-Chloroaniline	11.12	127	73627	22.037	ng/ul	95
31) Hexachlorobutadiene	11.26	225	55990	20.359	ng/ul	95
32) Caprolactam	11.99	113	21249	19.312	ng/ul	82
33) 4-Chloro-3-methylphenol	12.26	107	66447	19.034	ng/ul	97
34) 2-Methylnaphthalene	12.59	142	136062	19.053	ng/ul	94

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35) 1-Methylnaphthalene	12.81	142	128175	18.555	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	97842	21.177	ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	66517	22.331	ng/ul	98
39) 2,4,6-Trichlorophenol	13.21	196	63399	22.285	ng/ul	96
40) 2,4,5-Trichlorophenol	13.30	196	67185m	23.238	ng/ul	
41) 1,1'-Biphenyl	13.59	154	177256	20.119	ng/ul	95
42) 2-Chloronaphthalene	13.64	162	144703	19.933	ng/ul	96
43) 2-Nitroaniline	13.86	65	52473	20.901	ng/ul	94
45) Dimethylphthalate	14.21	163	192381	19.562	ng/ul	97
46) 2,6-Dinitrotoluene	14.34	165	42666	20.628	ng/ul	94
48) Acenaphthylene	14.48	152	207158	19.917	ng/ul	99
49) 3-Nitroaniline	14.68	138	36852	21.139	ng/ul#	84
50) Acenaphthene	14.82	153	150683	19.303	ng/ul	96
51) 2,4-Dinitrophenol	14.88	184	22752	17.614	ng/ul#	80
53) 4-Nitrophenol	15.03	109	36865	20.200	ng/ul	92
54) Dibenzofuran	15.15	168	221247	19.420	ng/ul	95
55) 2,4-Dinitrotoluene	15.12	165	57007	19.189	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.40	232	61854	20.927	ng/ul	97
57) Diethylphthalate	15.57	149	190052	18.721	ng/ul	97
59) Fluorene	15.80	166	170966	18.562	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.79	204	107183	19.398	ng/ul	94
61) 4-Nitroaniline	15.85	138	40879m	20.830	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.89	198	39242	22.033	ng/ul	98
65) N-Nitrosodiphenylamine	16.01	169	164448	21.979	ng/ul	96
66) 4-Bromophenyl-phenylether	16.68	248	71834	20.848	ng/ul	95
67) Hexachlorobenzene	16.81	284	75512	20.675	ng/ul#	92
68) Atrazine	16.97	200	72020	21.526	ng/ul	90
69) Pentachlorophenol	17.16	266	45287	22.206	ng/ul#	86
70) Phenanthrene	17.55	178	291969	19.934	ng/ul	97
72) Anthracene	17.63	178	299426	20.266	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	100414	23.053	ng/uL	90
74) Pentachlorobenzene	15.07	250	93533	21.900	ng/uL	95
75) Carbazole	17.92	167	257418	20.833	ng/ul	97
76) Di-n-butylphthalate	18.45	149	305463	20.267	ng/ul	97
77) Fluoranthene	19.55	202	363744	20.369	ng/ul#	95
80) Pyrene	19.91	202	361533	19.970	ng/ul	98
81) Butylbenzylphthalate	20.78	149	127010	20.049	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.68	252	128386	21.535	ng/ul#	98
83) Benzo(a)anthracene	21.76	228	356952	19.608	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.65	149	176172	19.152	ng/ul	97
85) Chrysene	21.83	228	347164	19.954	ng/ul	99
87) Di-n-octyl phthalate	22.89	149	324863m	21.349	ng/ul	
88) Benzo(b)fluoranthene	24.03	252	355556	19.107	ng/ul#	86
89) Benzo(k)fluoranthene	24.10	252	353314	19.386	ng/ul	94
91) Benzo(a)pyrene	24.93	252	313349	19.138	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	28.87	276	415936m	19.857	ng/ul	
93) Dibenzo(a,h)anthracene	28.94	278	342049	19.528	ng/ul#	95
94) Benzo(g,h,i)perylene	30.05	276	331496	19.031	ng/ul	95

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

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