Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047018.D
Acq On : 21 Oct 2020 19:55
Operator : CG/JU
Sample : SSTD01030
Misc : GCMS CONFIRMATION
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01030

Manual Integrations APPROVED
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10/26/2020 10:31:32 AM

Quant Time: Oct 22 05:18:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	213572	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	147845	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	353908	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	383762	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	385624	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5652	4.60	ng/uL	0.00
5) Phenol-d5	7.21	99	47346	9.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	28451	10.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	37103	10.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	37729	9.82	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	18461	10.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	21403	10.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	41544	10.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	32814	7.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	126881	10.33	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	149609	10.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	16819	7.94	ng/ul	0.00
58) Fluorene-d10	15.68	176	116925	10.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	22278	9.14	ng/ul	0.00
71) Anthracene-d10	17.53	188	182426	10.64	ng/ul	0.00
79) Pyrene-d10	19.82	212	225691	10.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	215315	9.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	6067	4.143	ng/uL#	82
4) Benzaldehyde	7.20	77	29981m	10.716	ng/ul	
6) Phenol	7.24	94	46621	9.254	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.48	93	38003	9.954	ng/ul	88
10) 2-Chlorophenol	7.63	128	37322	10.303	ng/ul	95
11) 2-Methylphenol	8.50	108	34443	9.177	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.59	45	58205	10.659	ng/ul#	91
14) Acetophenone	8.88	105	60214	9.775	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	32969	10.205	ng/ul#	97
16) 4-Methylphenol	8.82	108	36591	9.185	ng/ul	86
17) Hexachloroethane	9.15	117	17751	10.756	ng/ul	97
20) Nitrobenzene	9.27	77	48439	9.890	ng/ul	92
21) Isophorone	9.79	82	88092	9.774	ng/ul	96
23) 2-Nitrophenol	9.98	139	20790	9.581	ng/ul	98
24) 2,4-Dimethylphenol	10.04	107	44043	9.622	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.27	93	50259	9.779	ng/ul	94
27) 2,4-Dichlorophenol	10.51	162	39172	9.696	ng/ul	99
28) Naphthalene	10.92	128	124488	10.102	ng/ul	97
30) 4-Chloroaniline	11.03	127	31252	6.994	ng/ul#	86
31) Hexachlorobutadiene	11.21	225	34267	9.954	ng/ul	92
32) Caprolactam	11.78	113	12961m	9.479	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	38533	9.116	ng/ul	90
34) 2-Methylnaphthalene	12.53	142	87120	9.615	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	103120	11.539	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	60155	10.433	ng/ul	99
38) Hexachlorocyclopentadiene	12.87	237	35822	9.356	ng/ul	94
39) 2,4,6-Trichlorophenol	13.13	196	36077	10.167	ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	37376	9.978	ng/ul	95
41) 1,1'-Biphenyl	13.53	154	125363	10.512	ng/ul	99
42) 2-Chloronaphthalene	13.57	162	99032	10.365	ng/ul	98
43) 2-Nitroaniline	13.77	65	28934	10.094	ng/ul	92
45) Dimethylphthalate	14.14	163	127227	9.992	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	26562	10.206	ng/ul	94
48) Acenaphthylene	14.41	152	143114	10.114	ng/ul	99
49) 3-Nitroaniline	14.59	138	16617	7.703	ng/ul#	80
50) Acenaphthene	14.75	153	102443	10.324	ng/ul	99
51) 2,4-Dinitrophenol	14.79	184	7842	4.773	ng/ul	92
53) 4-Nitrophenol	14.89	109	18798	8.461	ng/ul	95
54) Dibenzofuran	15.09	168	147425	9.998	ng/ul	97
55) 2,4-Dinitrotoluene	15.05	165	36912	9.881	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.31	232	38483	10.371	ng/ul	93
57) Diethylphthalate	15.50	149	128385	10.109	ng/ul	98
59) Fluorene	15.73	166	123209	10.182	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.73	204	72090	10.223	ng/ul	99
61) 4-Nitroaniline	15.75	138	18652	7.749	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.81	198	23630	9.015	ng/ul#	94
65) N-Nitrosodiphenylamine	15.94	169	107745	10.375	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	49693	10.526	ng/ul	96
67) Hexachlorobenzene	16.74	284	52277	10.632	ng/ul	97
68) Atrazine	16.88	200	47344	10.320	ng/ul	97
69) Pentachlorophenol	17.09	266	25123	8.232	ng/ul#	88
70) Phenanthrene	17.48	178	207948	10.269	ng/ul	99
72) Anthracene	17.57	178	211415	10.335	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	63010	11.202	ng/uL	95
74) Pentachlorobenzene	15.01	250	60202	10.430	ng/uL	100
75) Carbazole	17.84	167	162848	9.914	ng/ul	97
76) Di-n-butylphthalate	18.39	149	216024	10.050	ng/ul	99
77) Fluoranthene	19.48	202	268623	10.863	ng/ul	99
80) Pyrene	19.85	202	279399	10.758	ng/ul	99
81) Butylbenzylphthalate	20.72	149	98047	10.374	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.60	252	67667	7.538	ng/ul	98
83) Benzo(a)anthracene	21.68	228	270229	10.202	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	135280	10.024	ng/ul	97
85) Chrysene	21.75	228	259582	10.158	ng/ul	98
87) Di-n-octyl phthalate	22.80	149	231937	10.465	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	265550	9.927	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	257409	9.979	ng/ul	99
91) Benzo(a)pyrene	24.78	252	238026	9.898	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.62	276	297248m	10.090	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	245026m	10.029	ng/ul	
94) Benzo(g,h,i)perylene	29.77	276	244603	9.891	ng/ul	96

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

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