Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101520\
Data File : BG046917.D
Acq On : 15 Oct 2020 12:01
Operator : CG/JU
Sample : SSTD00528
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01029

Quant Time: Oct 15 14:19:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 14:12:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	206061	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	146350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	352857	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	428384	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	413747	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	1362	1.18	ng/uL	0.00
5) Phenol-d5	7.24	99	21801	4.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	13671	4.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	17273	4.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	17351	4.59	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	7919	5.13	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.51	165	19422	5.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	21213	4.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	57979	5.18	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	68884	5.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	9829	5.16	ng/ul	0.00
58) Fluorene-d10	15.70	176	53737	5.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	9644	5.47	ng/ul	0.00
71) Anthracene-d10	17.56	188	87779	5.42	ng/ul	0.00
79) Pyrene-d10	19.84	212	122290	5.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	114154	5.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2309	1.564	ng/uL#	80
4) Benzaldehyde	7.22	77	16258	4.765	ng/ul	95
6) Phenol	7.27	94	23219	4.582	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.50	93	18183	4.660	ng/ul	98
10) 2-Chlorophenol	7.65	128	17639	4.900	ng/ul#	88
11) 2-Methylphenol	8.52	108	15375	4.116	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	27073	4.409	ng/ul	98
14) Acetophenone	8.91	105	30067	4.903	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.89	70	15946	4.814	ng/ul#	88
16) 4-Methylphenol	8.85	108	17417	4.371	ng/ul	81
17) Hexachloroethane	9.18	117	8654	5.175	ng/ul#	82
20) Nitrobenzene	9.29	77	23335	5.304	ng/ul	89
21) Isophorone	9.82	82	40920	4.663	ng/ul#	93
23) 2-Nitrophenol	10.00	139	9736	5.702	ng/ul	91
24) 2,4-Dimethylphenol	10.06	107	19408	4.537	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.30	93	22766	4.453	ng/ul#	87
27) 2,4-Dichlorophenol	10.54	162	18036	5.024	ng/ul#	87
28) Naphthalene	10.96	128	58841	5.158	ng/ul	98
30) 4-Chloroaniline	11.05	127	21079	4.940	ng/ul	98
31) Hexachlorobutadiene	11.24	225	16176	5.244	ng/ul	94
32) Caprolactam	11.80	113	5624	4.541	ng/ul	89
33) 4-Chloro-3-methylphenol	12.17	107	17509	4.463	ng/ul	97
34) 2-Methylnaphthalene	12.55	142	42530	5.100	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	42347	5.239 ng/uL#	98
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	27774	5.184 ng/ul#	81
38) Hexachlorocyclopentadiene	12.89	237	14018	4.046 ng/ul#	92
39) 2,4,6-Trichlorophenol	13.15	196	16852	5.315 ng/ul	93
40) 2,4,5-Trichlorophenol	13.22	196	17523	5.208 ng/ul	95
41) 1,1'-Biphenyl	13.55	154	60367	5.362 ng/ul	95
42) 2-Chloronaphthalene	13.59	162	48382	5.365 ng/ul	94
43) 2-Nitroaniline	13.79	65	13447	5.630 ng/ul	88
45) Dimethylphthalate	14.16	163	62262	5.501 ng/ul	97
46) 2,6-Dinitrotoluene	14.28	165	11604	5.794 ng/ul	92
48) Acenaphthylene	14.44	152	68239	5.216 ng/ul	98
49) 3-Nitroaniline	14.62	138	9908	4.967 ng/ul#	80
50) Acenaphthene	14.78	153	47142	5.064 ng/ul	89
51) 2,4-Dinitrophenol	14.82	184	6368	5.294 ng/ul#	89
53) 4-Nitrophenol	14.91	109	9589	5.077 ng/ul#	90
54) Dibenzofuran	15.11	168	74221	5.426 ng/ul	100
55) 2,4-Dinitrotoluene	15.06	165	16372	5.909 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.33	232	18330	5.847 ng/ul#	88
57) Diethylphthalate	15.52	149	57594	5.093 ng/ul	96
59) Fluorene	15.76	166	59570	5.363 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.75	204	33746	5.278 ng/ul	99
61) 4-Nitroaniline	15.77	138	11104	5.063 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.83	198	9747	5.035 ng/ul#	94
65) N-Nitrosodiphenylamine	15.96	169	52154	5.135 ng/ul	92
66) 4-Bromophenyl-phenylether	16.64	248	23852	5.414 ng/ul	97
68) Atrazine	16.90	200	23307	5.539 ng/ul	91
69) Pentachlorophenol	17.11	266	14312	5.154 ng/ul	93
70) Phenanthrene	17.50	178	100238	5.196 ng/ul	99
72) Anthracene	17.59	178	102405	5.240 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	29107	5.346 ng/uL#	89
74) Pentachlorobenzene	15.03	250	29475	5.328 ng/uL	94
75) Carbazole	17.86	167	88784	5.699 ng/ul	94
76) Di-n-butylphthalate	18.41	149	112556	5.826 ng/ul	98
77) Fluoranthene	19.50	202	144025	6.288 ng/ul	98
80) Pyrene	19.87	202	153896	5.589 ng/ul	99
81) Butylbenzylphthalate	20.75	149	55502	5.784 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.63	252	47783	4.769 ng/ul	98
83) Benzo(a)anthracene	21.71	228	151387	5.401 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	78494	5.500 ng/ul#	95
85) Chrysene	21.78	228	145746	5.360 ng/ul	99
87) Di-n-octyl phthalate	22.84	149	122795	5.434 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	142801	5.232 ng/ul	98
89) Benzo(k)fluoranthene	24.02	252	140775	5.291 ng/ul#	97
91) Benzo(a)pyrene	24.83	252	130595	5.238 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.69	276	146645	4.794 ng/ul	97
93) Dibenzo(a,h)anthracene	28.76	278	125772	4.962 ng/ul#	97
94) Benzo(g,h,i)perylene	29.86	276	128311	5.007 ng/ul	98

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

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