Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120820\
Data File : BP004197.D
Acq On : 08 Dec 2020 13:31
Operator : CG/JU
Sample : L4485-13
Misc : MDL-WATER--06
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-06

Quant Time: Dec 08 14:44:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 06:09:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	444236	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1850693	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1130052	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2406594	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2441563	20.00	ng/ul	-0.01
88) Perylene-d12	23.71	264	2582936	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	57654	4.99	ng/uL	0.00
4) Pyridine-d5	3.74	84	749130	22.80	ng/ul	0.00
7) Phenol-d5	7.00	99	1294785	32.60	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	861310	37.52	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	1011564	32.73	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	1043484	33.35	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	541375	35.88	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	456213	33.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.25	165	951128	31.37	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	1435922	32.28	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	3130709	34.88	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	4053252	36.75	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	439297	29.90	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2674350	34.07	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	295111	30.18	ng/ul	-0.01
73) Anthracene-d10	17.35	188	4119620	34.83	ng/ul	0.00
81) Pyrene-d10	19.59	212	4581318	35.67	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.56	264	4488301	32.35	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8319	0.664	ng/uL#	71
5) Pyridine	3.76	79	90594	2.728	ng/ul#	69
6) Benzaldehyde	6.99	77	76073	4.311	ng/ul	97
8) Phenol	7.03	94	98949	2.435	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.27	93	90984	2.790	ng/ul	97
12) 2-Chlorophenol	7.40	128	74072	2.371	ng/ul	99
13) 2-Methylphenol	8.28	108	61218	1.980	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	105352	2.712	ng/ul	96
16) Acetophenone	8.66	105	125044	2.579	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.65	70	57841	2.272	ng/ul	98
18) 4-Methylphenol	8.60	108	74357	2.256	ng/ul	98
19) Hexachloroethane	8.92	117	34229	2.558	ng/ul	92
22) Nitrobenzene	9.04	77	98483	2.678	ng/ul	99
23) Isophorone	9.56	82	155762	2.096	ng/ul	99
25) 2-Nitrophenol	9.75	139	36458	2.470	ng/ul	95
26) 2,4-Dimethylphenol	9.81	107	75678	2.114	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.05	93	109929	2.487	ng/ul	95
29) 2,4-Dichlorophenol	10.28	162	68935	2.354	ng/ul#	87
30) Naphthalene	10.69	128	273203	2.640	ng/ul	99
32) 4-Chloroaniline	10.79	127	104779	2.466	ng/ul	95
33) Hexachlorobutadiene	10.98	225	53029	2.523	ng/ul	97
34) Caprolactam	11.57	113	14309	1.324	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	53287	1.639	ng/ul	98
36) 2-Methylnaphthalene	12.30	142	180098	2.471	ng/ul	100
37) 1-Methylnaphthalene	12.52	142	176340	2.516	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	100677	2.653	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	45194	1.905	ng/ul	95
41) 2,4,6-Trichlorophenol	12.91	196	37187	1.702	ng/ul	97
42) 2,4,5-Trichlorophenol	12.98	196	40279	1.712	ng/ul	98
43) 1,1'-Biphenyl	13.32	154	238455	2.639	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	192775	2.690	ng/ul	98
45) 2-Nitroaniline	13.56	65	32054	1.822	ng/ul	96
47) Dimethylphthalate	13.95	163	231646	2.542	ng/ul	98
48) 2,6-Dinitrotoluene	14.06	165	31689	1.916	ng/ul	90
50) Acenaphthylene	14.21	152	283719	2.596	ng/ul	99
51) 3-Nitroaniline	14.39	138	30782	1.995	ng/ul	97
52) Acenaphthene	14.55	153	198827	2.579	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	8067	1.265	ng/ul	99
55) 4-Nitrophenol	14.69	109	25036	2.266	ng/ul#	87
56) Dibenzofuran	14.89	168	282693	2.645	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	46214	2.046	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	34293	1.786	ng/ul	97
59) Diethylphthalate	15.32	149	197363	2.146	ng/ul	100
61) Fluorene	15.54	166	228627	2.578	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.54	204	119116	2.575	ng/ul	96
63) 4-Nitroaniline	15.55	138	34520	2.366	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	25639	2.350	ng/ul#	71
67) N-Nitrosodiphenylamine	15.75	169	176961	2.389	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	67695	2.350	ng/ul	99
69) Hexachlorobenzene	16.55	284	83819	2.609	ng/ul	98
70) Atrazine	16.71	200	48347	1.671	ng/ul	95
71) Pentachlorophenol	16.89	266	21182	1.381	ng/ul	97
72) Phenanthrene	17.29	178	368412	2.661	ng/ul	99
74) Anthracene	17.38	178	367448	2.605	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	101378	2.775	ng/uL	98
76) Pentachlorobenzene	14.81	250	97560	2.642	ng/uL	99
77) Carbazole	17.65	167	267056	2.230	ng/ul	100
78) Di-n-butylphthalate	18.22	149	241720	1.548	ng/ul	99
80) Fluoranthene	19.26	202	377823	2.323	ng/ul	98
82) Pyrene	19.62	202	447630	2.709	ng/ul	97
83) Butylbenzylphthalate	20.50	149	69136	1.030	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	64188	1.159	ng/ul	98
85) Benzo(a)anthracene	21.33	228	395434	2.408	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.27	149	110853	1.095	ng/ul	98
87) Chrysene	21.38	228	406086	2.582	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	162772	1.055	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	361086	2.171	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	408974	2.539	ng/ul	99
93) Benzo(a)pyrene	23.60	252	385556	2.524	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	415729	2.125	ng/ul	98
95) Dibenzo(a,h)anthracene	26.15	278	350547	2.147	ng/ul	98
96) Benzo(g,h,i)perylene	26.87	276	338360	2.061	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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