Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120520\
Data File : BP004166.D
Acq On : 05 Dec 2020 17:38
Operator : CG/JU
Sample : L4485-10
Misc : MDL-WATER-03
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-03

Quant Time: Dec 07 01:46:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 01:39:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	440620	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1840592	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1152537	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2525308	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2635014	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2807756	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	61728	5.38	ng/uL	0.00
4) Pyridine-d5	3.74	84	754480	23.16	ng/ul	0.00
7) Phenol-d5	7.00	99	1294629	32.87	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	822530	36.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	995163	32.47	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	1031793	33.25	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	511938	34.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	443757	32.39	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	935596	31.03	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1399841	31.64	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	3052396	33.35	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3891571	34.60	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	458293	30.59	ng/ul	0.00
60) Fluorene-d10	15.49	176	2590689	32.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	298176	29.06	ng/ul	0.00
73) Anthracene-d10	17.35	188	4019167	32.38	ng/ul	0.00
81) Pyrene-d10	19.59	212	4586354	33.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4670464	30.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	9281	0.747	ng/uL	92
5) Pyridine	3.76	79	104857	3.183	ng/ul#	67
6) Benzaldehyde	6.99	77	87869	5.020	ng/ul	95
8) Phenol	7.03	94	112820	2.799	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.28	93	100039	3.093	ng/ul	97
12) 2-Chlorophenol	7.41	128	86173	2.781	ng/ul	98
13) 2-Methylphenol	8.28	108	78455	2.558	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.38	45	120744	3.134	ng/ul	98
16) Acetophenone	8.66	105	144261	3.000	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.65	70	70341	2.785	ng/ul	98
18) 4-Methylphenol	8.60	108	88848	2.718	ng/ul	98
19) Hexachloroethane	8.93	117	39631	2.986	ng/ul	95
22) Nitrobenzene	9.04	77	110331	3.017	ng/ul	97
23) Isophorone	9.57	82	199901	2.705	ng/ul	98
25) 2-Nitrophenol	9.75	139	42092	2.867	ng/ul	94
26) 2,4-Dimethylphenol	9.82	107	94399	2.651	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	125778	2.861	ng/ul	97
29) 2,4-Dichlorophenol	10.28	162	78714	2.703	ng/ul#	85
30) Naphthalene	10.69	128	303017	2.944	ng/ul	98
32) 4-Chloroaniline	10.80	127	118959	2.815	ng/ul	97
33) Hexachlorobutadiene	10.99	225	58618	2.804	ng/ul	98
34) Caprolactam	11.58	113	21715	2.021	ng/ul	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	74645	2.308	ng/ul	99
36) 2-Methylnaphthalene	12.31	142	205610	2.836	ng/ul	98
37) 1-Methylnaphthalene	12.53	142	197745	2.837	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	111235	2.874	ng/ul	100
40) Hexachlorocyclopentadiene	12.66	237	55055	2.276	ng/ul	99
41) 2,4,6-Trichlorophenol	12.92	196	50545	2.268	ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	54454	2.269	ng/ul	93
43) 1,1'-Biphenyl	13.32	154	271821	2.949	ng/ul	100
44) 2-Chloronaphthalene	13.36	162	217024	2.970	ng/ul	97
45) 2-Nitroaniline	13.56	65	43684	2.434	ng/ul	90
47) Dimethylphthalate	13.95	163	265217	2.854	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	39970	2.370	ng/ul	98
50) Acenaphthylene	14.21	152	319512	2.867	ng/ul	99
51) 3-Nitroaniline	14.39	138	41574	2.641	ng/ul	93
52) Acenaphthene	14.56	153	225469	2.867	ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	10380	1.597	ng/ul	90
55) 4-Nitrophenol	14.69	109	30227	2.682	ng/ul#	82
56) Dibenzofuran	14.89	168	321310	2.948	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	58166	2.525	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	45505	2.324	ng/ul	94
59) Diethylphthalate	15.32	149	252626	2.693	ng/ul	100
61) Fluorene	15.55	166	259360	2.868	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	133993	2.840	ng/ul	98
63) 4-Nitroaniline	15.55	138	46949	3.155	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	29762	2.599	ng/ul#	56
67) N-Nitrosodiphenylamine	15.76	169	214799	2.764	ng/ul	99
68) 4-Bromophenyl-phenylether	16.45	248	84114	2.783	ng/ul	96
69) Hexachlorobenzene	16.55	284	97197	2.884	ng/ul	98
70) Atrazine	16.71	200	72800	2.398	ng/ul	98
71) Pentachlorophenol	16.89	266	31179	1.937	ng/ul	97
72) Phenanthrene	17.29	178	426597	2.937	ng/ul	99
74) Anthracene	17.39	178	431540	2.916	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	112342	2.930	ng/uL	97
76) Pentachlorobenzene	14.81	250	110816	2.860	ng/uL	99
77) Carbazole	17.65	167	354374	2.819	ng/ul	99
78) Di-n-butylphthalate	18.22	149	383132	2.339	ng/ul	99
80) Fluoranthene	19.26	202	493189	2.810	ng/ul	98
82) Pyrene	19.62	202	530968	2.978	ng/ul	99
83) Butylbenzylphthalate	20.50	149	132130	1.824	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	127464	2.132	ng/ul	99
85) Benzo(a)anthracene	21.33	228	513629	2.898	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	228831	2.094	ng/ul	99
87) Chrysene	21.38	228	497627	2.931	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	331944	1.979	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	480876	2.660	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	527402	3.012	ng/ul	99
93) Benzo(a)pyrene	23.60	252	477793	2.877	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	551828	2.595	ng/ul	97
95) Dibenzo(a,h)anthracene	26.15	278	473653	2.668	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	462001	2.589	ng/ul	99

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

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