Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004964.D
Acq On : 10 Mar 2021 12:12
Operator : CG/JU
Sample : M1534-06
Misc : SOM-MDL-W-06
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
mohammad
3/11/2021 9:25:32 AM

Quant Time: Mar 10 12:44:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 10 10:08:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	107709	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	71740	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	162749	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	187314	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	183949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3840	5.39	ng/uL	0.00
5) Phenol-d5	6.90	99	72928	34.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	43819	39.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	58742	35.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	57891	32.88	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	29530	37.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	32987	37.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	56828	33.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	74043	39.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	189324	35.86	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	224197	34.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	28827	31.78	ng/ul	0.00
58) Fluorene-d10	15.38	176	162866	35.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33867	32.45	ng/ul	0.00
71) Anthracene-d10	17.24	188	259810	35.62	ng/ul	0.00
79) Pyrene-d10	19.48	212	304049	35.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	349041	37.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	819	1.185	ng/uL#	83
4) Benzaldehyde	6.88	77	5082	4.694	ng/ul	97
6) Phenol	6.93	94	7858	3.526	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.16	93	5842	3.552	ng/ul#	94
10) 2-Chlorophenol	7.30	128	6344	3.718	ng/ul	99
11) 2-Methylphenol	8.18	108	5361	3.164	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.26	45	5958m	3.396	ng/ul	
14) Acetophenone	8.55	105	10110	3.452	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.54	70	4839	3.474	ng/ul#	96
16) 4-Methylphenol	8.50	108	5915	3.162	ng/ul	99
17) Hexachloroethane	8.80	117	2894	3.647	ng/ul#	82
20) Nitrobenzene	8.93	77	7655	3.592	ng/ul#	94
21) Isophorone	9.46	82	11633	3.197	ng/ul#	92
23) 2-Nitrophenol	9.64	139	3467	3.652	ng/ul	90
24) 2,4-Dimethylphenol	9.70	107	7303	3.331	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.94	93	6945	3.154	ng/ul#	87
27) 2,4-Dichlorophenol	10.17	162	5691	3.367	ng/ul#	87
28) Naphthalene	10.57	128	19693	3.531	ng/ul#	94
30) 4-Chloroaniline	10.69	127	7908	4.050	ng/ul	98
31) Hexachlorobutadiene	10.86	225	4656	3.562	ng/ul	88
32) Caprolactam	11.50	113	1611m	2.921	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	5543	2.819	ng/ul	92
34) 2-Methylnaphthalene	12.19	142	13569	3.363	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	13156	3.314 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	7925	3.316 ng/ul	92
38) Hexachlorocyclopentadiene	12.54	237	4374	2.821 ng/ul#	87
39) 2,4,6-Trichlorophenol	12.81	196	4155	2.917 ng/ul#	90
40) 2,4,5-Trichlorophenol	12.88	196	4132	2.671 ng/ul	85
41) 1,1'-Biphenyl	13.21	154	17709	3.355 ng/ul	97
42) 2-Chloronaphthalene	13.25	162	14328	3.463 ng/ul	95
43) 2-Nitroaniline	13.47	65	3414	2.841 ng/ul	91
45) Dimethylphthalate	13.84	163	19241	3.559 ng/ul	98
46) 2,6-Dinitrotoluene	13.96	165	3155	2.911 ng/ul	95
48) Acenaphthylene	14.10	152	20384	3.348 ng/ul	99
49) 3-Nitroaniline	14.30	138	3166	3.306 ng/ul#	96
50) Acenaphthene	14.45	153	15447	3.451 ng/ul	93
51) 2,4-Dinitrophenol	14.50	184	1406	1.962 ng/ul#	72
53) 4-Nitrophenol	14.60	109	3455	3.408 ng/ul#	82
54) Dibenzofuran	14.79	168	22335	3.424 ng/ul	92
55) 2,4-Dinitrotoluene	14.75	165	4722	3.004 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.01	232	4267	2.905 ng/ul#	92
57) Diethylphthalate	15.22	149	17498	3.165 ng/ul	97
59) Fluorene	15.43	166	17849	3.275 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.43	204	9914	3.310 ng/ul	99
61) 4-Nitroaniline	15.46	138	2915	2.608 ng/ul#	77
64) 4,6-Dinitro-2-methylphenol	15.52	198	3404	3.210 ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	14967	3.270 ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	6083	3.386 ng/ul	90
67) Hexachlorobenzene	16.44	284	7216	3.558 ng/ul	94
68) Atrazine	16.61	200	4967	2.702 ng/ul	94
69) Pentachlorophenol	16.79	266	3302m	2.573 ng/ul	
70) Phenanthrene	17.18	178	29674	3.424 ng/ul#	95
72) Anthracene	17.27	178	29953	3.369 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	7987	3.381 ng/uL	93
74) Pentachlorobenzene	14.70	250	7816	3.256 ng/uL	94
75) Carbazole	17.55	167	23619	3.086 ng/ul	97
76) Di-n-butylphthalate	18.10	149	26212	2.934 ng/ul	96
77) Fluoranthene	19.16	202	34456	3.255 ng/ul#	95
80) Pyrene	19.50	202	38153	3.404 ng/ul#	95
81) Butylbenzylphthalate	20.39	149	11499	2.829 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.15	252	10923	2.839 ng/ul	99
83) Benzo(a)anthracene	21.21	228	38725	3.415 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	16592	2.720 ng/ul	93
85) Chrysene	21.26	228	38013	3.421 ng/ul	98
87) Di-n-octyl phthalate	22.03	149	29127	2.676 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	38615m	3.342 ng/ul	
89) Benzo(k)fluoranthene	22.86	252	38740	3.399 ng/ul	99
91) Benzo(a)pyrene	23.41	252	33972	3.350 ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.86	276	43908	3.389 ng/ul	94
93) Dibenzo(a,h)anthracene	25.86	278	36871	3.363 ng/ul	97
94) Benzo(g,h,i)perylene	26.56	276	36478	3.399 ng/ul	99

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

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