Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004949.D
Acq On : 09 Mar 2021 18:09
Operator : CG/JU
Sample : M1534-07
Misc : SOM-MDL-W-07
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-07

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:28 AM

Quant Time: Mar 10 00:39:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 15:13:30 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	33110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	131461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	91309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	213493	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	257775	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	268050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3926	4.43	ng/uL	0.00
5) Phenol-d5	6.90	99	90010	34.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	50764	36.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	74497	36.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	71970	32.85	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	37377	38.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	41687	38.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	76016	36.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	95049	41.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	253074	37.66	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	300341	36.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	39286	34.03	ng/ul	0.00
58) Fluorene-d10	15.38	176	223283	38.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	46061	33.64	ng/ul	0.00
71) Anthracene-d10	17.24	188	358403	37.46	ng/ul	0.00
79) Pyrene-d10	19.49	212	431929	36.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	519957	37.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	957	1.113	ng/uL#	75
4) Benzaldehyde	6.88	77	7474	5.548	ng/ul	94
6) Phenol	6.93	94	10066	3.630	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.16	93	8130	3.973	ng/ul	94
10) 2-Chlorophenol	7.29	128	8596	4.049	ng/ul#	91
11) 2-Methylphenol	8.18	108	7304	3.464	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8273	3.790	ng/ul#	94
14) Acetophenone	8.56	105	13815	3.791	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.54	70	6456	3.725	ng/ul#	89
16) 4-Methylphenol	8.50	108	8504	3.653	ng/ul	91
17) Hexachloroethane	8.80	117	3790	3.839	ng/ul	88
20) Nitrobenzene	8.93	77	10552	4.056	ng/ul	99
21) Isophorone	9.46	82	16990m	3.826	ng/ul	
23) 2-Nitrophenol	9.65	139	5112	4.412	ng/ul	92
24) 2,4-Dimethylphenol	9.70	107	10468	3.911	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	10198	3.795	ng/ul	96
27) 2,4-Dichlorophenol	10.18	162	8868	4.298	ng/ul	88
28) Naphthalene	10.58	128	28415	4.174	ng/ul	95
30) 4-Chloroaniline	10.69	127	11145	4.677	ng/ul	95
31) Hexachlorobutadiene	10.86	225	7399	4.638	ng/ul	97
32) Caprolactam	11.50	113	2460m	3.655	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	8174	3.406	ng/ul#	86
34) 2-Methylnaphthalene	12.19	142	19883	4.038	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	18523	3.823	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	13099	4.306	ng/ul	98
38) Hexachlorocyclopentadiene	12.55	237	7314	3.706	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.81	196	6720	3.707	ng/ul#	88
40) 2,4,5-Trichlorophenol	12.89	196	7706	3.913	ng/ul	87
41) 1,1'-Biphenyl	13.21	154	26444	3.936	ng/ul	94
42) 2-Chloronaphthalene	13.25	162	21420	4.067	ng/ul	96
43) 2-Nitroaniline	13.47	65	5137	3.359	ng/ul	97
45) Dimethylphthalate	13.85	163	27520	3.999	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	5044	3.657	ng/ul	94
48) Acenaphthylene	14.10	152	30714	3.964	ng/ul	95
49) 3-Nitroaniline	14.30	138	4606	3.779	ng/ul#	76
50) Acenaphthene	14.45	153	22927	4.025	ng/ul	93
51) 2,4-Dinitrophenol	14.50	184	2190	2.401	ng/ul	92
53) 4-Nitrophenol	14.60	109	5331	4.132	ng/ul	85
54) Dibenzofuran	14.79	168	34409	4.144	ng/ul	97
55) 2,4-Dinitrotoluene	14.75	165	7717	3.857	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.02	232	7213	3.859	ng/ul#	91
57) Diethylphthalate	15.22	149	28113	3.995	ng/ul	99
59) Fluorene	15.44	166	27906	4.023	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	15427	4.046	ng/ul	91
61) 4-Nitroaniline	15.46	138	4862	3.417	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.52	198	5580	4.011	ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	23670	3.942	ng/ul	97
66) 4-Bromophenyl-phenylether	16.33	248	10347m	4.390	ng/ul	
67) Hexachlorobenzene	16.45	284	521m	0.196	ng/ul	
68) Atrazine	16.61	200	8773	3.638	ng/ul#	95
69) Pentachlorophenol	16.79	266	5443	3.233	ng/ul	95
70) Phenanthrene	17.18	178	45413	3.995	ng/ul	98
72) Anthracene	17.27	178	46840	4.016	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	12304	3.971	ng/uL	98
74) Pentachlorobenzene	14.70	250	9906	3.146	ng/uL	90
75) Carbazole	17.55	167	37452	3.730	ng/ul	99
76) Di-n-butylphthalate	18.11	149	41394	3.532	ng/ul	98
77) Fluoranthene	19.16	202	55355	3.987	ng/ul	98
80) Pyrene	19.51	202	61314	3.975	ng/ul	98
81) Butylbenzylphthalate	20.39	149	17507	3.130	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	18123	3.423	ng/ul#	98
83) Benzo(a)anthracene	21.22	228	62089	3.979	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	26110	3.110	ng/ul#	94
85) Chrysene	21.27	228	62114	4.062	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	46484	2.931	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	66500	3.950	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	63761	3.839	ng/ul	99
91) Benzo(a)pyrene	23.42	252	59513	4.027	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	76115	4.031	ng/ul	95
93) Dibenzo(a,h)anthracene	25.87	278	64566	4.041	ng/ul	98
94) Benzo(g,h,i)perylene	26.58	276	62120	3.972	ng/ul	95

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

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