Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004891.D
Acq On : 03 Mar 2021 13:46
Operator : CG/JU
Sample : M1534-03
Misc : SOM-MDL-W-03
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-03

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:25 AM

Quant Time: Mar 03 14:16:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 03 10:35:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	27171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	106173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	69359	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	152527	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	167209	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	170461	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2126	3.08	ng/uL	0.00
5) Phenol-d5	6.92	99	78110	35.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	45521	39.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	63117	36.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	61003	34.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	30428	39.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	33613	38.70	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	59722	36.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.68	131	79741	42.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	197008	38.83	ng/ul	-0.01
47) Acenaphthylene-d8	14.09	160	233436	37.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	31204	34.37	ng/ul	-0.01
58) Fluorene-d10	15.39	176	171070	39.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	32762	32.94	ng/ul	-0.01
71) Anthracene-d10	17.25	188	266631	38.55	ng/ul	0.00
79) Pyrene-d10	19.49	212	305503	38.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	345778	39.58	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	817	1.087	ng/uL#	80
4) Benzaldehyde	6.89	77	5938	5.251	ng/ul	92
6) Phenol	6.94	94	8440	3.629	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.17	93	6568	3.837	ng/ul	98
10) 2-Chlorophenol	7.30	128	6624	3.705	ng/ul#	80
11) 2-Methylphenol	8.19	108	6007	3.463	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.27	45	4192	3.788	ng/ul#	92
14) Acetophenone	8.57	105	10884	3.734	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.55	70	5150	3.653	ng/ul#	96
16) 4-Methylphenol	8.52	108	7027	3.765	ng/ul	98
17) Hexachloroethane	8.82	117	3025	3.843	ng/ul	91
20) Nitrobenzene	8.94	77	8621	4.111	ng/ul#	77
21) Isophorone	9.47	82	13255	3.695	ng/ul	97
23) 2-Nitrophenol	9.65	139	3753m	3.841	ng/ul	
24) 2,4-Dimethylphenol	9.72	107	8013	3.694	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	8510	3.928	ng/ul#	89
27) 2,4-Dichlorophenol	10.18	162	5981	3.540	ng/ul#	86
28) Naphthalene	10.58	128	21581	3.841	ng/ul	98
30) 4-Chloroaniline	10.70	127	8513	4.400	ng/ul	97
31) Hexachlorobutadiene	10.87	225	4742	3.831	ng/ul	89
32) Caprolactam	11.50	113	1788m	3.258	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	6617	3.439	ng/ul#	91
34) 2-Methylnaphthalene	12.20	142	15299	3.827	ng/ul	90

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35) 1-Methylnaphthalene	12.42	142	14768	3.801	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	8534	3.838	ng/ul	98
38) Hexachlorocyclopentadiene	12.55	237	4650	3.282	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.82	196	4528	3.251	ng/ul	92
40) 2,4,5-Trichlorophenol	12.90	196	5210	3.491	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	20465	3.941	ng/ul	92
42) 2-Chloronaphthalene	13.26	162	15379	3.768	ng/ul	94
43) 2-Nitroaniline	13.47	65	3788	3.243	ng/ul#	87
45) Dimethylphthalate	13.85	163	20576	3.945	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3608	3.459	ng/ul#	86
48) Acenaphthylene	14.12	152	22799	3.833	ng/ul	97
49) 3-Nitroaniline	14.30	138	3274	3.437	ng/ul#	82
50) Acenaphthene	14.46	153	16552	3.832	ng/ul	95
51) 2,4-Dinitrophenol	14.52	184	1596	2.379	ng/ul#	74
53) 4-Nitrophenol	14.62	109	3872	3.929	ng/ul	92
54) Dibenzofuran	14.80	168	24304	3.888	ng/ul	97
55) 2,4-Dinitrotoluene	14.76	165	5136	3.342	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.03	232	4526	3.434	ng/ul#	91
57) Diethylphthalate	15.23	149	19934	3.779	ng/ul	94
59) Fluorene	15.45	166	19800	3.798	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.45	204	10824	3.942	ng/ul	94
61) 4-Nitroaniline	15.47	138	3498	3.215	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.53	198	3819	3.789	ng/ul#	82
65) N-Nitrosodiphenylamine	15.66	169	16927	3.780	ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	6022	3.732	ng/ul	94
67) Hexachlorobenzene	16.45	284	7520	4.060	ng/ul	92
68) Atrazine	16.62	200	5797	3.302	ng/ul	97
69) Pentachlorophenol	16.80	266	3274	2.884	ng/ul	92
70) Phenanthrene	17.19	178	33255	4.011	ng/ul	99
72) Anthracene	17.29	178	33061	3.907	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	9044	3.983	ng/uL	94
74) Pentachlorobenzene	14.71	250	8274	3.741	ng/uL	94
75) Carbazole	17.56	167	26434	3.552	ng/ul	99
76) Di-n-butylphthalate	18.12	149	28739	3.266	ng/ul	98
77) Fluoranthene	19.17	202	35864	3.607	ng/ul#	95
80) Pyrene	19.52	202	39274	3.802	ng/ul	99
81) Butylbenzylphthalate	20.40	149	13263	3.291	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.16	252	12097	3.474	ng/ul	91
83) Benzo(a)anthracene	21.23	228	39604	3.833	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	19041	3.162	ng/ul	100
85) Chrysene	21.27	228	40086	3.982	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	33289	2.901	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	39654	3.659	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	39838	3.717	ng/ul	99
91) Benzo(a)pyrene	23.44	252	34680	3.644	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	44581	3.660	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	38097	3.678	ng/ul	99
94) Benzo(g,h,i)perylene	26.62	276	37273	3.676	ng/ul	98

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

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