Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004889.D
Acq On : 03 Mar 2021 12:19
Operator : CG/JU
Sample : M1534-01
Misc : SOM-MDL-W-01
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:19 AM

Quant Time: Mar 03 12:52:16 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	7.75	152	26132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	101676	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	65063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	148379	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	165879	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	168718	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	2764	4.16	ng/uL	0.00
5) Phenol-d5	6.92	99	66949	31.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	40979	37.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	56429	34.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	54561	32.18	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	26573	35.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	30013	36.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	53168	33.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	70673	39.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.81	166	174484	36.66	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	208930	35.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	27741	32.58	ng/ul	0.00
58) Fluorene-d10	15.39	176	149745	37.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	29826	30.83	ng/ul	0.00
71) Anthracene-d10	17.26	188	237508	35.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	275321	35.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	323837	37.45	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	882	1.220	ng/uL#	79
4) Benzaldehyde	6.89	77	5895	5.420	ng/ul	99
6) Phenol	6.95	94	8823	3.944	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	6453	3.919	ng/ul	98
10) 2-Chlorophenol	7.31	128	6837m	3.976	ng/ul	
11) 2-Methylphenol	8.19	108	5965	3.575	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.27	45	4098	3.850	ng/ul#	91
14) Acetophenone	8.57	105	10779	3.845	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	5080	3.746	ng/ul	93
16) 4-Methylphenol	8.52	108	6841	3.811	ng/ul	97
17) Hexachloroethane	8.82	117	3099	4.094	ng/ul	89
20) Nitrobenzene	8.95	77	8337	4.152	ng/ul#	93
21) Isophorone	9.47	82	12877	3.748	ng/ul#	95
23) 2-Nitrophenol	9.66	139	3683	3.936	ng/ul	95
24) 2,4-Dimethylphenol	9.72	107	7821	3.765	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.96	93	8132	3.920	ng/ul#	88
27) 2,4-Dichlorophenol	10.19	162	6470	3.999	ng/ul#	80
28) Naphthalene	10.59	128	20981	3.899	ng/ul	98
30) 4-Chloroaniline	10.70	127	8277	4.467	ng/ul	98
31) Hexachlorobutadiene	10.87	225	4893	4.128	ng/ul	98
32) Caprolactam	11.52	113	1886	3.588	ng/ul	89
33) 4-Chloro-3-methylphenol	11.83	107	6467	3.510	ng/ul#	95
34) 2-Methylnaphthalene	12.21	142	14975	3.912	ng/ul	97

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35) 1-Methylnaphthalene	12.43	142	14705	3.953	ng/ul#	90
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	9105	4.365	ng/ul	96
38) Hexachlorocyclopentadiene	12.56	237	4600	3.461	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.82	196	4675	3.578	ng/ul#	85
40) 2,4,5-Trichlorophenol	12.90	196	5239	3.742	ng/ul	94
41) 1,1'-Biphenyl	13.23	154	20405	4.189	ng/ul	95
42) 2-Chloronaphthalene	13.27	162	15715	4.105	ng/ul	97
43) 2-Nitroaniline	13.48	65	3751	3.424	ng/ul	97
45) Dimethylphthalate	13.86	163	20198	4.128	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3345	3.419	ng/ul	98
48) Acenaphthylene	14.12	152	22596	4.050	ng/ul	97
49) 3-Nitroaniline	14.32	138	3454	3.866	ng/ul#	72
50) Acenaphthene	14.46	153	17343	4.281	ng/ul	96
51) 2,4-Dinitrophenol	14.52	184	1685	2.678	ng/ul	93
53) 4-Nitrophenol	14.63	109	3930	4.251	ng/ul	87
54) Dibenzofuran	14.80	168	24827	4.234	ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	5424	3.763	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.03	232	4776	3.863	ng/ul	94
57) Diethylphthalate	15.23	149	20305	4.104	ng/ul	96
59) Fluorene	15.45	166	19844	4.058	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.45	204	10726	4.164	ng/ul	95
61) 4-Nitroaniline	15.47	138	3366	3.298	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.53	198	3745	3.819	ng/ul#	70
65) N-Nitrosodiphenylamine	15.66	169	17017	3.906	ng/ul	99
66) 4-Bromophenyl-phenylether	16.35	248	5985m	3.813	ng/ul	
67) Hexachlorobenzene	16.46	284	7429	4.123	ng/ul#	90
68) Atrazine	16.62	200	5695	3.335	ng/ul	92
69) Pentachlorophenol	16.80	266	3120	2.826	ng/ul	92
70) Phenanthrene	17.20	178	32698	4.055	ng/ul	96
72) Anthracene	17.29	178	32632	3.964	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	9091m	4.115	ng/uL	
74) Pentachlorobenzene	14.72	250	8333	3.873	ng/uL#	89
75) Carbazole	17.56	167	26315	3.635	ng/ul	93
76) Di-n-butylphthalate	18.12	149	29567	3.454	ng/ul	99
77) Fluoranthene	19.17	202	37672	3.894	ng/ul#	94
80) Pyrene	19.52	202	41262	4.027	ng/ul	98
81) Butylbenzylphthalate	20.40	149	13083	3.272	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.17	252	12914	3.738	ng/ul#	99
83) Benzo(a)anthracene	21.23	228	40901	3.990	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	19780	3.311	ng/ul	98
85) Chrysene	21.27	228	41379	4.144	ng/ul	94
87) Di-n-octyl phthalate	22.04	149	34418	3.030	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	43563	4.061	ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	42746	4.030	ng/ul	98
91) Benzo(a)pyrene	23.44	252	39521	4.196	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.90	276	48087	3.989	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	41450	4.043	ng/ul	98
94) Benzo(g,h,i)perylene	26.62	276	39410	3.927	ng/ul	99

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

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