Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004965.D
Acq On : 10 Mar 2021 15:09
Operator : CG/JU
Sample : M1534-07
Misc : SOM-MDL-W-07
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-07

Manual Integrations APPROVED
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3/11/2021 9:25:35 AM

Quant Time: Mar 10 15:40:27 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	29894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	121613	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82431	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	190385	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	214147	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	217637	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3355	4.19	ng/uL	0.01
5) Phenol-d5	6.91	99	71849	30.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	41621	33.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	56901	30.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	57852	29.25	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28982	32.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	31629	31.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	55730	28.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	72730	34.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	192815	31.79	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	229657	31.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	29803	28.60	ng/ul	0.00
58) Fluorene-d10	15.39	176	167175	32.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33287	27.26	ng/ul	0.00
71) Anthracene-d10	17.24	188	265197	31.08	ng/ul	0.00
79) Pyrene-d10	19.49	212	310370	31.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	359988	32.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	666	0.858	ng/uL#	84
4) Benzaldehyde	6.88	77	6550	5.386	ng/ul#	82
6) Phenol	6.93	94	9157	3.658	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.16	93	6644	3.596	ng/ul	95
10) 2-Chlorophenol	7.30	128	7161	3.736	ng/ul#	92
11) 2-Methylphenol	8.18	108	5916m	3.108	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	8.28	45	7903m	4.010	ng/ul	
14) Acetophenone	8.56	105	12253	3.724	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.54	70	6102	3.899	ng/ul#	92
16) 4-Methylphenol	8.51	108	7306m	3.476	ng/ul	
17) Hexachloroethane	8.81	117	3730	4.185	ng/ul	92
20) Nitrobenzene	8.94	77	8965	3.725	ng/ul#	92
21) Isophorone	9.46	82	14721	3.584	ng/ul	98
23) 2-Nitrophenol	9.65	139	4269	3.983	ng/ul	88
24) 2,4-Dimethylphenol	9.71	107	8792	3.551	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.95	93	8960	3.604	ng/ul#	94
27) 2,4-Dichlorophenol	10.17	162	6767m	3.545	ng/ul	
28) Naphthalene	10.57	128	22953	3.645	ng/ul	96
30) 4-Chloroaniline	10.69	127	8943	4.057	ng/ul	98
31) Hexachlorobutadiene	10.86	225	5610m	3.801	ng/ul	
32) Caprolactam	11.50	113	1915m	3.075	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	7328	3.300	ng/ul	89
34) 2-Methylnaphthalene	12.20	142	16302	3.579	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	15758	3.516 ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	9365	3.410 ng/ul	91
38) Hexachlorocyclopentadiene	12.55	237	5293	2.971 ng/ul	97
39) 2,4,6-Trichlorophenol	12.82	196	5166	3.157 ng/ul	88
40) 2,4,5-Trichlorophenol	12.89	196	5452	3.067 ng/ul	90
41) 1,1'-Biphenyl	13.22	154	21508	3.546 ng/ul	98
42) 2-Chloronaphthalene	13.26	162	17177	3.613 ng/ul	96
43) 2-Nitroaniline	13.47	65	4529	3.280 ng/ul	95
45) Dimethylphthalate	13.85	163	22510	3.623 ng/ul#	97
46) 2,6-Dinitrotoluene	13.97	165	4028	3.235 ng/ul#	96
48) Acenaphthylene	14.10	152	25680	3.671 ng/ul	98
49) 3-Nitroaniline	14.30	138	4066	3.695 ng/ul	95
50) Acenaphthene	14.45	153	18551	3.607 ng/ul	95
51) 2,4-Dinitrophenol	14.50	184	1933	2.348 ng/ul#	83
53) 4-Nitrophenol	14.60	109	4392m	3.771 ng/ul	
54) Dibenzofuran	14.79	168	27490	3.667 ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	5789	3.205 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.02	232	5452	3.231 ng/ul#	90
57) Diethylphthalate	15.22	149	22020	3.466 ng/ul	96
59) Fluorene	15.44	166	22122	3.533 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.44	204	12227	3.552 ng/ul	96
61) 4-Nitroaniline	15.47	138	4268	3.323 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.52	198	4327	3.488 ng/ul#	66
65) N-Nitrosodiphenylamine	15.65	169	18315	3.421 ng/ul	95
66) 4-Bromophenyl-phenylether	16.33	248	7581	3.607 ng/ul	95
67) Hexachlorobenzene	16.45	284	8531	3.595 ng/ul#	93
68) Atrazine	16.61	200	6506	3.025 ng/ul	92
69) Pentachlorophenol	16.80	266	3856m	2.569 ng/ul	
70) Phenanthrene	17.19	178	36240	3.575 ng/ul	98
72) Anthracene	17.27	178	37764	3.631 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	9819	3.553 ng/uL	98
74) Pentachlorobenzene	14.70	250	9730	3.465 ng/uL	94
75) Carbazole	17.55	167	28515	3.184 ng/ul	96
76) Di-n-butylphthalate	18.11	149	32463	3.106 ng/ul	98
77) Fluoranthene	19.16	202	41214	3.329 ng/ul#	96
80) Pyrene	19.51	202	46932	3.663 ng/ul	98
81) Butylbenzylphthalate	20.39	149	13857	2.982 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.16	252	13932	3.168 ng/ul	99
83) Benzo(a)anthracene	21.22	228	46609	3.595 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	20477	2.936 ng/ul#	98
85) Chrysene	21.26	228	47204	3.715 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	36808	2.859 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	48985m	3.584 ng/ul	
89) Benzo(k)fluoranthene	22.87	252	45172	3.350 ng/ul	99
91) Benzo(a)pyrene	23.42	252	43412	3.618 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.86	276	53412	3.484 ng/ul#	92
93) Dibenzo(a,h)anthracene	25.87	278	44075	3.398 ng/ul	98
94) Benzo(g,h,i)perylene	26.57	276	44591	3.512 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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