Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004948.D
Acq On : 09 Mar 2021 17:36
Operator : CG/JU
Sample : M1534-06
Misc : SOM-MDL-W-06
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
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3/10/2021 11:54:26 AM

Quant Time: Mar 10 00:29:55 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	30650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	119044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	80714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	188774	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	229542	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	243026	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3159	3.85	ng/uL	0.00
5) Phenol-d5	6.90	99	70836	29.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	40267	31.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	59017	31.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	55892	27.56	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28046	31.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	31277	31.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	57812	30.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	74016	35.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	188941	31.81	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	225551	31.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	27172	26.63	ng/ul	0.00
58) Fluorene-d10	15.38	176	168036	32.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33744	27.87	ng/ul	0.00
71) Anthracene-d10	17.24	188	270637	31.99	ng/ul	0.00
79) Pyrene-d10	19.48	212	326883	30.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	407245	32.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	634	0.796	ng/uL#	77
4) Benzaldehyde	6.88	77	5102	4.092	ng/ul	95
6) Phenol	6.93	94	7678	2.991	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.16	93	5817	3.071	ng/ul	97
10) 2-Chlorophenol	7.30	128	6099	3.104	ng/ul	97
11) 2-Methylphenol	8.18	108	5268	2.699	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.27	45	5874	2.907	ng/ul#	93
14) Acetophenone	8.56	105	9740	2.887	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.55	70	4094	2.552	ng/ul#	92
16) 4-Methylphenol	8.51	108	6232	2.892	ng/ul	87
17) Hexachloroethane	8.81	117	2924	3.200	ng/ul#	84
20) Nitrobenzene	8.93	77	8162	3.465	ng/ul	95
21) Isophorone	9.46	82	11188	2.782	ng/ul#	93
23) 2-Nitrophenol	9.65	139	3381	3.222	ng/ul#	89
24) 2,4-Dimethylphenol	9.70	107	7003	2.890	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.94	93	7121	2.926	ng/ul#	93
27) 2,4-Dichlorophenol	10.18	162	6027	3.226	ng/ul#	83
28) Naphthalene	10.57	128	19414	3.149	ng/ul	99
30) 4-Chloroaniline	10.69	127	7381	3.421	ng/ul	91
31) Hexachlorobutadiene	10.85	225	2765m	1.914	ng/ul	
32) Caprolactam	11.50	113	1451m	2.380	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	5564	2.560	ng/ul#	91
34) 2-Methylnaphthalene	12.19	142	12874	2.887	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	12759	2.908	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9090	3.381	ng/ul	98
38) Hexachlorocyclopentadiene	12.54	237	3544	2.031	ng/ul#	75
39) 2,4,6-Trichlorophenol	12.81	196	4194	2.617	ng/ul	88
40) 2,4,5-Trichlorophenol	12.89	196	4592	2.638	ng/ul	87
41) 1,1'-Biphenyl	13.22	154	17824	3.001	ng/ul	94
42) 2-Chloronaphthalene	13.25	162	14437	3.101	ng/ul#	91
43) 2-Nitroaniline	13.47	65	3083	2.281	ng/ul#	91
45) Dimethylphthalate	13.85	163	18636	3.064	ng/ul#	98
46) 2,6-Dinitrotoluene	13.96	165	3234	2.652	ng/ul#	83
48) Acenaphthylene	14.10	152	21343	3.116	ng/ul	95
49) 3-Nitroaniline	14.29	138	3088	2.866	ng/ul#	97
50) Acenaphthene	14.45	153	15043	2.987	ng/ul	98
51) 2,4-Dinitrophenol	14.52	184	1400	1.737	ng/ul#	75
53) 4-Nitrophenol	14.60	109	3023	2.651	ng/ul#	79
54) Dibenzofuran	14.79	168	22345	3.044	ng/ul	95
55) 2,4-Dinitrotoluene	14.75	165	4865	2.751	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4554	2.756	ng/ul#	79
57) Diethylphthalate	15.22	149	17591	2.828	ng/ul	95
59) Fluorene	15.44	166	19104	3.116	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	10751	3.190	ng/ul	98
61) 4-Nitroaniline	15.47	138	3123	2.483	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.52	198	3509	2.853	ng/ul#	76
65) N-Nitrosodiphenylamine	15.65	169	15091	2.843	ng/ul	95
66) 4-Bromophenyl-phenylether	16.33	248	6443	3.092	ng/ul	89
67) Hexachlorobenzene	16.46	284	761m	0.323	ng/ul	
68) Atrazine	16.61	200	5507	2.583	ng/ul#	83
69) Pentachlorophenol	16.79	266	3602	2.420	ng/ul	93
70) Phenanthrene	17.18	178	31301	3.114	ng/ul#	95
72) Anthracene	17.27	178	31442	3.049	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	8378	3.058	ng/uL	94
74) Pentachlorobenzene	14.70	250	7271	2.612	ng/uL	95
75) Carbazole	17.55	167	23528	2.650	ng/ul	93
76) Di-n-butylphthalate	18.11	149	25340	2.445	ng/ul	96
77) Fluoranthene	19.16	202	36060	2.937	ng/ul	96
80) Pyrene	19.51	202	41319	3.008	ng/ul#	95
81) Butylbenzylphthalate	20.39	149	11830	2.375	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.15	252	12360	2.622	ng/ul	97
83) Benzo(a)anthracene	21.22	228	42387	3.050	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.15	149	17091	2.286	ng/ul#	98
85) Chrysene	21.27	228	40722	2.990	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	30151	2.097	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	46182m	3.026	ng/ul	
89) Benzo(k)fluoranthene	22.87	252	41486	2.755	ng/ul	97
91) Benzo(a)pyrene	23.42	252	39814	2.972	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.86	276	52076	3.042	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.88	278	44188	3.051	ng/ul	95
94) Benzo(g,h,i)perylene	26.58	276	43429	3.063	ng/ul	100

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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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