Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
Data File : BP001753.D
Acq On : 14 Feb 2020 19:28
Operator : CG/JU
Sample : K5695-13
Misc : MDL-WATER-06
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
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2/17/2020 3:50:50 PM

Quant Time: Feb 15 05:42:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 04:45:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	275026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1296558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	868497	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1938451	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2150297	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	2456808	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	24174	4.20	ng/uL	0.00
5) Phenol-d5	6.88	99	595525	25.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	415656	30.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	472818	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	488249	25.57	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	301090	30.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	190134	24.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	481108	26.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	811255	35.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1911027	30.58	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2499874	31.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	234103	20.19	ng/ul	0.00
58) Fluorene-d10	15.33	176	1725194	30.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	129341	16.56	ng/ul	0.00
71) Anthracene-d10	17.19	188	2740181	31.10	ng/ul	0.00
79) Pyrene-d10	19.43	212	3147973	30.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3515591	30.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	4393	0.69	ng/uL#	83
4) Benzaldehyde	6.85	77	51724	3.41	ng/ul	99
6) Phenol	6.91	94	60088	2.41	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.14	93	57192	2.90	ng/ul	98
10) 2-Chlorophenol	7.28	128	45889	2.53	ng/ul	97
11) 2-Methylphenol	8.15	108	39870	2.07	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	73113	2.89	ng/ul	98
14) Acetophenone	8.52	105	90213	2.86	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	41848	2.67	ng/ul	99
16) 4-Methylphenol	8.47	108	49180	2.32	ng/ul	96
17) Hexachloroethane	8.79	117	22989	2.91	ng/ul	96
20) Nitrobenzene	8.89	77	69468	2.86	ng/ul	98
21) Isophorone	9.42	82	115086	2.50	ng/ul	99
23) 2-Nitrophenol	9.60	139	20430	2.18	ng/ul	95
24) 2,4-Dimethylphenol	9.67	107	48799	2.25	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.90	93	80143	2.78	ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	46319	2.45	ng/ul#	89
28) Naphthalene	10.53	128	199994	2.86	ng/ul	99
30) 4-Chloroaniline	10.63	127	69836	2.97	ng/ul	98
31) Hexachlorobutadiene	10.84	225	37552	2.86	ng/ul	99
32) Caprolactam	11.40	113	11527m	1.66	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	34764	1.79	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	139587	2.77	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	148326	2.97	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	76922	2.83	ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	32149	1.99	ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	20879	1.51	ng/ul	94
40) 2,4,5-Trichlorophenol	12.83	196	24249	1.56	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	191001	2.87	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	149603	2.84	ng/ul	98
43) 2-Nitroaniline	13.40	65	25136	1.93	ng/ul	85
45) Dimethylphthalate	13.80	163	182095	2.76	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	26352	2.06	ng/ul#	86
48) Acenaphthylene	14.05	152	245232	2.88	ng/ul	99
49) 3-Nitroaniline	14.23	138	23926	1.93	ng/ul#	88
50) Acenaphthene	14.40	153	159756	2.80	ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	4163m	0.90	ng/ul	
53) 4-Nitrophenol	14.54	109	19757	2.18	ng/ul	92
54) Dibenzofuran	14.73	168	231421	2.87	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	40773	2.17	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.97	232	19389	1.46	ng/ul	96
57) Diethylphthalate	15.17	149	152803	2.38	ng/ul	100
59) Fluorene	15.39	166	192107	2.87	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	96192	2.84	ng/ul	99
61) 4-Nitroaniline	15.39	138	28625	1.90	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	14486	1.64	ng/ul#	54
65) N-Nitrosodiphenylamine	15.60	169	139518	2.54	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	53346	2.59	ng/ul	96
67) Hexachlorobenzene	16.40	284	67921	2.79	ng/ul	98
68) Atrazine	16.56	200	35314	1.72	ng/ul	99
69) Pentachlorophenol	16.74	266	13438m	1.14	ng/ul	
70) Phenanthrene	17.13	178	309755	2.84	ng/ul	99
72) Anthracene	17.22	178	310067	2.83	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	85034	2.92	ng/uL	99
74) Pentachlorobenzene	14.66	250	79162	2.67	ng/uL	97
75) Carbazole	17.49	167	220102	2.38	ng/ul	100
76) Di-n-butylphthalate	18.07	149	162292	1.66	ng/ul	99
77) Fluoranthene	19.10	202	310571	2.58	ng/ul	98
80) Pyrene	19.45	202	396640	2.86	ng/ul	100
81) Butylbenzylphthalate	20.35	149	42307	1.03	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.09	252	41325	0.98	ng/ul	93
83) Benzo(a)anthracene	21.16	228	348664	2.48	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	80538	1.20	ng/ul	99
85) Chrysene	21.21	228	371581	2.73	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	119132	1.09	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	328388	2.31	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	380907	2.65	ng/ul	98
91) Benzo(a)pyrene	23.32	252	370277	2.74	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	399755	2.26	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	334598	2.27	ng/ul	99
94) Benzo(g,h,i)perylene	26.35	276	343835	2.29	ng/ul	99

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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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