Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
Data File : BP001750.D
Acq On : 14 Feb 2020 17:47
Operator : CG/JU
Sample : K5695-10
Misc : MDL-WATER-03
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-03

Manual Integrations APPROVED
mohammad
2/17/2020 3:50:44 PM

Quant Time: Feb 15 05:35:00 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	251217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1183206	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	795998	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1775493	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	1970115	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	2238349	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	21589	4.10	ng/uL	0.00
5) Phenol-d5	6.88	99	592307	27.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	410400	32.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	474193	30.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	483617	27.73	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	297529	32.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	188858	26.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	473016	28.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	804373	38.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1884878	32.91	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2480932	34.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	234097	22.03	ng/ul	0.00
58) Fluorene-d10	15.33	176	1707000	32.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	132406	18.51	ng/ul	0.00
71) Anthracene-d10	17.19	188	2716619	33.66	ng/ul	0.00
79) Pyrene-d10	19.43	212	3156034	33.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3507234	33.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	5068	0.88	ng/uL#	74
4) Benzaldehyde	6.85	77	55005	3.97	ng/ul	95
6) Phenol	6.91	94	62974	2.77	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.14	93	62661	3.47	ng/ul	98
10) 2-Chlorophenol	7.28	128	49380	2.98	ng/ul	98
11) 2-Methylphenol	8.15	108	42490	2.41	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.24	45	77362	3.34	ng/ul	99
14) Acetophenone	8.52	105	95949	3.33	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	43822	3.06	ng/ul	96
16) 4-Methylphenol	8.47	108	49914	2.57	ng/ul	98
17) Hexachloroethane	8.79	117	24169	3.35	ng/ul	97
20) Nitrobenzene	8.89	77	74924	3.39	ng/ul	96
21) Isophorone	9.42	82	124725	2.97	ng/ul	98
23) 2-Nitrophenol	9.60	139	21525	2.52	ng/ul	98
24) 2,4-Dimethylphenol	9.67	107	51916	2.62	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.90	93	84461	3.21	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	49412m	2.87	ng/ul	
28) Naphthalene	10.53	128	210879	3.30	ng/ul	99
30) 4-Chloroaniline	10.63	127	75212	3.50	ng/ul	98
31) Hexachlorobutadiene	10.84	225	39013	3.26	ng/ul	95
32) Caprolactam	11.40	113	11305	1.78	ng/ul	93
33) 4-Chloro-3-methylphenol	11.77	107	39555	2.23	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	147567	3.21	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	157514	3.45	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	79454	3.19	ng/ul	100
38) Hexachlorocyclopentadiene	12.51	237	36591	2.47	ng/ul	95
39) 2,4,6-Trichlorophenol	12.76	196	22812	1.80	ng/ul	98
40) 2,4,5-Trichlorophenol	12.83	196	25156	1.76	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	198379	3.25	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	157600	3.26	ng/ul	98
43) 2-Nitroaniline	13.40	65	25959	2.17	ng/ul	90
45) Dimethylphthalate	13.80	163	195235	3.23	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	27956	2.39	ng/ul	91
48) Acenaphthylene	14.05	152	259548	3.33	ng/ul	99
49) 3-Nitroaniline	14.23	138	26339	2.32	ng/ul#	94
50) Acenaphthene	14.40	153	169404	3.24	ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	4534	1.07	ng/ul	91
53) 4-Nitrophenol	14.54	109	20696	2.50	ng/ul	95
54) Dibenzofuran	14.73	168	242594	3.29	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	44679	2.59	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.96	232	22532	1.85	ng/ul	99
57) Diethylphthalate	15.17	149	164679	2.80	ng/ul	99
59) Fluorene	15.39	166	202877	3.31	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	103184	3.33	ng/ul	99
61) 4-Nitroaniline	15.39	138	31190	2.26	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	15211	1.88	ng/ul#	50
65) N-Nitrosodiphenylamine	15.60	169	150566	3.00	ng/ul	100
66) 4-Bromophenyl-phenylether	16.29	248	56116	2.97	ng/ul	98
67) Hexachlorobenzene	16.40	284	73020	3.27	ng/ul	98
68) Atrazine	16.56	200	37841	2.01	ng/ul	98
69) Pentachlorophenol	16.74	266	13252	1.22	ng/ul	98
70) Phenanthrene	17.13	178	333613	3.34	ng/ul	99
72) Anthracene	17.22	178	335882	3.34	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	92059	3.45	ng/uL	100
74) Pentachlorobenzene	14.66	250	83497	3.07	ng/uL	98
75) Carbazole	17.49	167	240928	2.84	ng/ul	99
76) Di-n-butylphthalate	18.07	149	177901	1.99	ng/ul	99
77) Fluoranthene	19.10	202	337415	3.06	ng/ul	99
80) Pyrene	19.45	202	424815	3.35	ng/ul	98
81) Butylbenzylphthalate	20.35	149	47288	1.26	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.10	252	46385	1.21	ng/ul	95
83) Benzo(a)anthracene	21.16	228	382046	2.96	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	86785	1.41	ng/ul	99
85) Chrysene	21.21	228	404347	3.24	ng/ul	98
87) Di-n-octyl phthalate	21.99	149	132442	1.32	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	346658	2.68	ng/ul	100
89) Benzo(k)fluoranthene	22.79	252	419740	3.21	ng/ul	98
91) Benzo(a)pyrene	23.32	252	394177	3.21	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	437860	2.72	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	367300	2.73	ng/ul	98
94) Benzo(g,h,i)perylene	26.36	276	367260	2.68	ng/ul	99

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

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