Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
Data File : BP001749.D
Acq On : 14 Feb 2020 17:13
Operator : CG/JU
Sample : K5695-09
Misc : MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
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Quant Time: Feb 15 05:33:00 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	233555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1113620	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	759606	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1711274	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	1871907	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2138613	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	24765	5.06	ng/uL	0.00
5) Phenol-d5	6.88	99	552285	27.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	386270	33.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	438652	30.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	453770	27.98	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	280144	32.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	175753	26.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	442688	28.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	763446	38.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1818745	33.28	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2361257	34.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	223866	22.08	ng/ul	0.00
58) Fluorene-d10	15.33	176	1641925	33.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	125053	18.13	ng/ul	0.00
71) Anthracene-d10	17.19	188	2621850	33.71	ng/ul	0.00
79) Pyrene-d10	19.43	212	2986300	33.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3305417	32.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	4946	0.92	ng/uL#	86
4) Benzaldehyde	6.85	77	52821	4.10	ng/ul	99
6) Phenol	6.91	94	62021	2.93	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	58184	3.47	ng/ul	98
10) 2-Chlorophenol	7.28	128	47139	3.06	ng/ul	99
11) 2-Methylphenol	8.15	108	42028	2.57	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	75729	3.52	ng/ul	99
14) Acetophenone	8.52	105	93374	3.49	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	44734	3.36	ng/ul	95
16) 4-Methylphenol	8.47	108	49428	2.74	ng/ul	98
17) Hexachloroethane	8.78	117	23079	3.44	ng/ul	90
20) Nitrobenzene	8.89	77	72272	3.47	ng/ul	97
21) Isophorone	9.42	82	123124	3.11	ng/ul	100
23) 2-Nitrophenol	9.60	139	20631	2.57	ng/ul	97
24) 2,4-Dimethylphenol	9.67	107	50490	2.71	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	82395	3.32	ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	47900	2.95	ng/ul	93
28) Naphthalene	10.53	128	207316	3.45	ng/ul	99
30) 4-Chloroaniline	10.63	127	72795	3.60	ng/ul	97
31) Hexachlorobutadiene	10.83	225	38210	3.39	ng/ul	98
32) Caprolactam	11.40	113	12322m	2.07	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	38016	2.28	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	144020	3.33	ng/ul	99

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35) 1-Methylnaphthalene	12.37	142	151279	3.52	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	79811	3.36	ng/ul	100
38) Hexachlorocyclopentadiene	12.51	237	35293	2.49	ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	23607	1.95	ng/ul	95
40) 2,4,5-Trichlorophenol	12.83	196	25543	1.87	ng/ul	96
41) 1,1'-Biphenyl	13.17	154	197225	3.39	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	153240	3.33	ng/ul	98
43) 2-Nitroaniline	13.40	65	26081	2.29	ng/ul	90
45) Dimethylphthalate	13.80	163	191446	3.32	ng/ul	98
46) 2,6-Dinitrotoluene	13.90	165	27221	2.44	ng/ul#	83
48) Acenaphthylene	14.05	152	255014	3.42	ng/ul	99
49) 3-Nitroaniline	14.23	138	25605	2.36	ng/ul#	86
50) Acenaphthene	14.40	153	167581	3.35	ng/ul	100
51) 2,4-Dinitrophenol	14.43	184	4720	1.17	ng/ul	90
53) 4-Nitrophenol	14.54	109	20287	2.56	ng/ul	90
54) Dibenzofuran	14.74	168	242017	3.44	ng/ul	97
55) 2,4-Dinitrotoluene	14.69	165	42716	2.60	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.96	232	22659	1.95	ng/ul#	95
57) Diethylphthalate	15.17	149	162904	2.90	ng/ul	98
59) Fluorene	15.39	166	200046	3.42	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.39	204	103762	3.51	ng/ul	99
61) 4-Nitroaniline	15.39	138	31064	2.36	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	15493	1.99	ng/ul#	68
65) N-Nitrosodiphenylamine	15.60	169	151643	3.13	ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	57082	3.13	ng/ul	98
67) Hexachlorobenzene	16.40	284	73666	3.42	ng/ul	99
68) Atrazine	16.56	200	37682	2.08	ng/ul	96
69) Pentachlorophenol	16.74	266	14504	1.39	ng/ul	97
70) Phenanthrene	17.13	178	330885	3.43	ng/ul	99
72) Anthracene	17.22	178	331944	3.43	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	90212	3.50	ng/uL	99
74) Pentachlorobenzene	14.66	250	82628	3.16	ng/uL	99
75) Carbazole	17.49	167	238402	2.91	ng/ul	99
76) Di-n-butylphthalate	18.07	149	174720	2.03	ng/ul	99
77) Fluoranthene	19.10	202	328927	3.10	ng/ul	99
80) Pyrene	19.45	202	419974	3.48	ng/ul	99
81) Butylbenzylphthalate	20.35	149	47094	1.32	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.10	252	45736	1.25	ng/ul	98
83) Benzo(a)anthracene	21.16	228	370880	3.03	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	87761	1.50	ng/ul	98
85) Chrysene	21.21	228	397488	3.36	ng/ul	98
87) Di-n-octyl phthalate	22.00	149	132627	1.39	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	335032	2.71	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	404183	3.23	ng/ul	97
91) Benzo(a)pyrene	23.32	252	386549	3.29	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	427014	2.78	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	360402	2.81	ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	359994	2.75	ng/ul	98

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

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