Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\
Data File : BN009727.D
Acq On : 14 Feb 2020 16:01
Operator : CG/JU
Sample : K5695-14
Misc : MDL-WATER-07
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-07

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Quant Time: Feb 17 01:58:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	114259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	470587	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	301198	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	654736	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	631090	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	620455	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	12764	4.59	ng/uL	0.00
5) Phenol-d5	6.62	99	279774	28.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	199552	29.75	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	224754	30.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	222212	28.74	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	104908	30.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	118335	31.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	211268	29.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	297521	36.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	693493	30.83	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	841846	31.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	102066	24.84	ng/ul	0.00
58) Fluorene-d10	15.06	176	590804	30.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	97865	24.06	ng/ul	0.00
71) Anthracene-d10	16.91	188	915125	30.49	ng/ul	0.00
79) Pyrene-d10	19.22	212	986742	29.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	960629	31.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	2998	0.94	ng/uL	99
4) Benzaldehyde	6.59	77	24277	3.76	ng/ul	88
6) Phenol	6.64	94	33243	3.19	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.87	93	28453	3.48	ng/ul	98
10) 2-Chlorophenol	6.99	128	25516	3.31	ng/ul	95
11) 2-Methylphenol	7.87	108	22330	2.93	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.95	45	72040	3.59	ng/ul	99
14) Acetophenone	8.24	105	39418	3.13	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	21437	3.26	ng/ul	96
16) 4-Methylphenol	8.19	108	25181	3.01	ng/ul	99
17) Hexachloroethane	8.47	117	10843	3.09	ng/ul	90
20) Nitrobenzene	8.60	77	35483	3.50	ng/ul	96
21) Isophorone	9.13	82	55805	3.13	ng/ul	98
23) 2-Nitrophenol	9.30	139	13502	3.20	ng/ul	93
24) 2,4-Dimethylphenol	9.38	107	29611	3.24	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.61	93	36504	3.35	ng/ul	94
27) 2,4-Dichlorophenol	9.83	162	24257	3.32	ng/ul	95
28) Naphthalene	10.22	128	87185	3.44	ng/ul	97
30) 4-Chloroaniline	10.34	127	30558	3.67	ng/ul#	83
31) Hexachlorobutadiene	10.50	225	17051	3.49	ng/ul	89
32) Caprolactam	11.16	113	4689m	1.91	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	23937	2.87	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	58367	3.31	ng/ul	100

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	62021	3.51	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	30961	3.47	ng/ul	91
38) Hexachlorocyclopentadiene	12.20	237	4670	1.21	ng/ul#	87
39) 2,4,6-Trichlorophenol	12.49	196	15419	2.72	ng/ul	97
40) 2,4,5-Trichlorophenol	12.56	196	16825	2.77	ng/ul#	96
41) 1,1'-Biphenyl	12.88	154	79582	3.44	ng/ul	95
42) 2-Chloronaphthalene	12.92	162	62505	3.40	ng/ul	98
43) 2-Nitroaniline	13.15	65	17794	2.65	ng/ul	96
45) Dimethylphthalate	13.53	163	78328	3.34	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	12116	2.64	ng/ul#	80
48) Acenaphthylene	13.77	152	97533	3.40	ng/ul	98
49) 3-Nitroaniline	13.99	138	10278	2.42	ng/ul#	79
50) Acenaphthene	14.12	153	68552	3.49	ng/ul	94
51) 2,4-Dinitrophenol	14.22	184	2778	1.05	ng/ul#	68
53) 4-Nitrophenol	14.30	109	11690	3.15	ng/ul#	78
54) Dibenzofuran	14.47	168	92066	3.34	ng/ul	98
55) 2,4-Dinitrotoluene	14.46	165	19483	2.86	ng/ul#	78
56) 2,3,4,6-Tetrachlorophenol	14.70	232	14235	2.72	ng/ul#	94
57) Diethylphthalate	14.91	149	77485	3.21	ng/ul	95
59) Fluorene	15.12	166	80189	3.46	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	38852	3.40	ng/ul	98
61) 4-Nitroaniline	15.16	138	9785	1.89	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.23	198	12768	2.91	ng/ul#	58
65) N-Nitrosodiphenylamine	15.34	169	63634	3.28	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	21490	3.28	ng/ul	93
67) Hexachlorobenzene	16.13	284	24664	3.40	ng/ul	98
68) Atrazine	16.31	200	20009	2.72	ng/ul	92
69) Pentachlorophenol	16.49	266	7645	1.82	ng/ul#	86
70) Phenanthrene	16.86	178	127202	3.40	ng/ul	99
72) Anthracene	16.95	178	123951	3.24	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	33700	3.52	ng/uL	95
74) Pentachlorobenzene	14.39	250	30709	3.33	ng/uL	95
75) Carbazole	17.23	167	94812	2.82	ng/ul	97
76) Di-n-butylphthalate	17.80	149	110401	2.66	ng/ul	98
77) Fluoranthene	18.89	202	134106	3.06	ng/ul	98
80) Pyrene	19.25	202	146497	3.22	ng/ul	98
81) Butylbenzylphthalate	20.18	149	44748	2.39	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	34273	2.49	ng/ul	87
83) Benzo(a)anthracene	21.02	228	132969	3.07	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.97	149	68312	2.39	ng/ul#	99
85) Chrysene	21.07	228	138885	3.25	ng/ul	100
87) Di-n-octyl phthalate	21.82	149	111766	2.38	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	124787	3.10	ng/ul	95
89) Benzo(k)fluoranthene	22.56	252	135848	3.57	ng/ul	96
91) Benzo(a)pyrene	23.04	252	116981	3.23	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.20	276	136679	3.18	ng/ul	94
93) Dibenzo(a,h)anthracene	25.21	278	114615	3.12	ng/ul	99
94) Benzo(g,h,i)perylene	25.82	276	113553	3.15	ng/ul	99

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Quant Title : SVOA CALIBRATION
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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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