Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120120\
Data File : BN012769.D
Acq On : 30 Nov 2020 17:31
Operator : CG/JU
Sample : L4485-13
Misc : MDL-WATER-06
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
mohammad
12/1/2020 10:44:01 AM

Quant Time: Nov 30 18:01:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 30 17:13:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	114037	20.00	ng/ul	0.00
20) Naphthalene-d8	10.18	136	475167	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	304178	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.83	188	653091	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	683584	20.00	ng/ul	0.00
88) Perylene-d12	23.17	264	756428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	14755	4.66	ng/uL	0.00
4) Pyridine-d5	3.36	84	183343	21.42	ng/ul	0.00
7) Phenol-d5	6.60	99	342240	33.52	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.77	67	223288	35.06	ng/ul	0.00
11) 2-Chlorophenol-d4	6.95	132	275069	34.27	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	282433	33.97	ng/ul	0.00
21) Nitrobenzene-d5	8.57	128	133387	35.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.28	143	144249	34.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.82	165	262442	32.92	ng/ul	0.00
31) 4-Chloroaniline-d4	10.33	131	357411	32.04	ng/ul	0.00
46) Dimethylphthalate-d6	13.50	166	877212	35.47	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	1094556	37.93	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	133700	30.56	ng/ul	0.00
60) Fluorene-d10	15.08	176	744372	35.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	131257	29.40	ng/ul	0.00
73) Anthracene-d10	16.93	188	1130805	34.65	ng/ul	0.00
81) Pyrene-d10	19.25	212	1287568	37.78	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.03	264	1380985	33.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	3827	1.162	ng/uL#	83
5) Pyridine	3.39	79	18557	2.105	ng/ul#	56
6) Benzaldehyde	6.58	77	19008	4.150	ng/ul	86
8) Phenol	6.63	94	24951	2.342	ng/ul#	90
10) Bis(2-Chloroethyl)ether	6.86	93	20854	2.462	ng/ul#	93
12) 2-Chlorophenol	6.99	128	19541	2.365	ng/ul	92
13) 2-Methylphenol	7.87	108	15827	1.998	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	7.96	45	27890m	2.335	ng/ul	
16) Acetophenone	8.25	105	30636	2.219	ng/ul	89
17) N-Nitroso-di-n-propylamine	8.23	70	16079	2.246	ng/ul	95
18) 4-Methylphenol	8.20	108	20766	2.407	ng/ul	91
19) Hexachloroethane	8.48	117	9368	2.358	ng/ul	91
22) Nitrobenzene	8.61	77	28658	2.601	ng/ul#	88
23) Isophorone	9.13	82	43775	2.266	ng/ul	97
25) 2-Nitrophenol	9.31	139	10886	2.376	ng/ul	93
26) 2,4-Dimethylphenol	9.39	107	23719	2.394	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.62	93	25745	2.314	ng/ul	99
29) 2,4-Dichlorophenol	9.84	162	19579	2.489	ng/ul	93
30) Naphthalene	10.23	128	67735	2.508	ng/ul	98
32) 4-Chloroaniline	10.36	127	25742	2.368	ng/ul	93
33) Hexachlorobutadiene	10.52	225	13588	2.539	ng/ul	91
34) Caprolactam	11.18	113	4144m	1.615	ng/ul	

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.49	107	18691	2.070	ng/ul	97
36) 2-Methylnaphthalene	11.86	142	41861	2.198	ng/ul	98
37) 1-Methylnaphthalene	12.08	142	42228	2.300	ng/ul	93
39) 1,2,4,5-Tetrachlorobenzene	12.24	216	23775	2.484	ng/ul	97
40) Hexachlorocyclopentadiene	12.21	237	9884	1.694	ng/ul	93
41) 2,4,6-Trichlorophenol	12.49	196	12932	2.122	ng/ul	93
42) 2,4,5-Trichlorophenol	12.56	196	13156	1.980	ng/ul	91
43) 1,1'-Biphenyl	12.90	154	59315	2.403	ng/ul	96
44) 2-Chloronaphthalene	12.94	162	47044	2.412	ng/ul	100
45) 2-Nitroaniline	13.16	65	12440	1.947	ng/ul#	83
47) Dimethylphthalate	13.55	163	63860	2.522	ng/ul	97
48) 2,6-Dinitrotoluene	13.67	165	10007	1.997	ng/ul#	83
50) Acenaphthylene	13.80	152	72111	2.432	ng/ul	99
51) 3-Nitroaniline	14.00	138	7656	1.870	ng/ul#	78
52) Acenaphthene	14.15	153	52494	2.418	ng/ul	94
53) 2,4-Dinitrophenol	14.22	184	3326	1.074	ng/ul#	84
55) 4-Nitrophenol	14.32	109	11425	2.499	ng/ul	83
56) Dibenzofuran	14.49	168	73870	2.461	ng/ul	99
57) 2,4-Dinitrotoluene	14.47	165	14831	2.031	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.72	232	11679	2.029	ng/ul#	97
59) Diethylphthalate	14.93	149	61361	2.334	ng/ul	99
61) Fluorene	15.14	166	61377	2.420	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.14	204	30673	2.539	ng/ul	92
63) 4-Nitroaniline	15.17	138	9707m	2.345	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.23	198	11243	2.333	ng/ul#	79
67) N-Nitrosodiphenylamine	15.36	169	48149	2.370	ng/ul	93
68) 4-Bromophenyl-phenylether	16.04	248	16728	2.269	ng/ul#	84
69) Hexachlorobenzene	16.14	284	22171	2.563	ng/ul	98
70) Atrazine	16.32	200	16033	2.021	ng/ul#	85
71) Pentachlorophenol	16.49	266	9431	1.777	ng/ul	90
72) Phenanthrene	16.87	178	99907	2.509	ng/ul	95
74) Anthracene	16.97	178	100229	2.482	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	12.86	216	22557	2.412	ng/uL	88
76) Pentachlorobenzene	14.40	250	24901	2.516	ng/uL	95
77) Carbazole	17.25	167	72749	2.051	ng/ul	99
78) Di-n-butylphthalate	17.82	149	93535	2.073	ng/ul	99
80) Fluoranthene	18.91	202	105846	2.370	ng/ul	97
82) Pyrene	19.27	202	123981	2.643	ng/ul	99
83) Butylbenzylphthalate	20.20	149	39209	1.964	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.99	252	27170	1.697	ng/ul	89
85) Benzo(a)anthracene	21.04	228	111671	2.445	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	20.99	149	68313	2.114	ng/ul#	97
87) Chrysene	21.09	228	108273	2.437	ng/ul	96
89) Di-n-octyl phthalate	21.85	149	99554	1.690	ng/ul	100
90) Benzo(b)fluoranthene	22.54	252	115788	2.355	ng/ul	98
91) Benzo(k)fluoranthene	22.59	252	119296	2.417	ng/ul	100
93) Benzo(a)pyrene	23.08	252	120225	2.627	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.24	276	140417	2.403	ng/ul	96
95) Dibenzo(a,h)anthracene	25.24	278	113942	2.310	ng/ul	98
96) Benzo(g,h,i)perylene	25.87	276	121572	2.518	ng/ul	98

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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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