Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112720\
Data File : BN012748.D
Acq On : 27 Nov 2020 11:55
Operator : CG/JU
Sample : L4485-11
Misc : MDL-WATER-04
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
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11/30/2020 12:00:50 PM

Quant Time: Nov 27 12:51:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 27 10:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	110955	20.00	ng/ul	0.00
20) Naphthalene-d8	10.18	136	444174	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	286302	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.83	188	611130	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	659856	20.00	ng/ul	0.00
88) Perylene-d12	23.17	264	734888	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	14173	4.60	ng/uL	0.00
4) Pyridine-d5	3.36	84	179543	21.56	ng/ul	0.00
7) Phenol-d5	6.60	99	290684	29.26	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.76	67	193789	31.28	ng/ul	-0.01
11) 2-Chlorophenol-d4	6.95	132	233484	29.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	244639	30.24	ng/ul	0.00
21) Nitrobenzene-d5	8.56	128	113953	32.06	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.28	143	128589	32.77	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.81	165	231088	31.01	ng/ul	0.00
31) 4-Chloroaniline-d4	10.33	131	310233	29.76	ng/ul	-0.01
46) Dimethylphthalate-d6	13.50	166	763045	32.78	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	920722	33.90	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	113686	27.61	ng/ul	0.00
60) Fluorene-d10	15.08	176	644678	32.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	120440	28.83	ng/ul	0.00
73) Anthracene-d10	16.93	188	973778	31.88	ng/ul	0.00
81) Pyrene-d10	19.25	212	1087838	33.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.04	264	1179428	29.71	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	2195	0.685	ng/uL#	78
5) Pyridine	3.39	79	24380	2.842	ng/ul#	52
6) Benzaldehyde	6.57	77	22076	4.953	ng/ul	86
8) Phenol	6.63	94	26783	2.584	ng/ul#	89
10) Bis(2-Chloroethyl)ether	6.86	93	23500	2.851	ng/ul	86
12) 2-Chlorophenol	6.98	128	22209	2.762	ng/ul	96
13) 2-Methylphenol	7.86	108	17316	2.247	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	7.95	45	32355	2.784	ng/ul#	91
16) Acetophenone	8.24	105	34041	2.534	ng/ul	91
17) N-Nitroso-di-n-propylamine	8.22	70	19395	2.785	ng/ul	97
18) 4-Methylphenol	8.19	108	21190	2.524	ng/ul	90
19) Hexachloroethane	8.47	117	10436	2.700	ng/ul	89
22) Nitrobenzene	8.61	77	31131	3.022	ng/ul	98
23) Isophorone	9.13	82	47888	2.652	ng/ul	98
25) 2-Nitrophenol	9.31	139	12881	3.008	ng/ul	91
26) 2,4-Dimethylphenol	9.38	107	24951	2.694	ng/ul	89
27) Bis(2-Chloroethoxy)methane	9.62	93	26936	2.590	ng/ul	99
29) 2,4-Dichlorophenol	9.83	162	20935	2.847	ng/ul#	85
30) Naphthalene	10.23	128	71780	2.843	ng/ul#	95
32) 4-Chloroaniline	10.35	127	27803	2.737	ng/ul	99
33) Hexachlorobutadiene	10.52	225	14872	2.973	ng/ul	99
34) Caprolactam	11.16	113	4707m	1.962	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.49	107	20088	2.380	ng/ul#	91
36) 2-Methylnaphthalene	11.86	142	46949	2.637	ng/ul	95
37) 1-Methylnaphthalene	12.08	142	46982	2.737	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.24	216	24870	2.761	ng/ul	98
40) Hexachlorocyclopentadiene	12.21	237	11082	2.018	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.49	196	13414	2.338	ng/ul#	87
42) 2,4,5-Trichlorophenol	12.56	196	14671	2.346	ng/ul	90
43) 1,1'-Biphenyl	12.90	154	65468	2.818	ng/ul	94
44) 2-Chloronaphthalene	12.93	162	51058	2.781	ng/ul	91
45) 2-Nitroaniline	13.16	65	12751m	2.121	ng/ul	
47) Dimethylphthalate	13.55	163	69146	2.901	ng/ul#	98
48) 2,6-Dinitrotoluene	13.67	165	10565	2.240	ng/ul	91
50) Acenaphthylene	13.79	152	82052	2.941	ng/ul	97
51) 3-Nitroaniline	14.00	138	8128	2.110	ng/ul	89
52) Acenaphthene	14.15	153	56056	2.743	ng/ul	89
53) 2,4-Dinitrophenol	14.22	184	3679	1.262	ng/ul	87
55) 4-Nitrophenol	14.32	109	12221	2.840	ng/ul#	85
56) Dibenzofuran	14.49	168	78226	2.769	ng/ul	97
57) 2,4-Dinitrotoluene	14.47	165	16954	2.466	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.72	232	13520	2.496	ng/ul	98
59) Diethylphthalate	14.93	149	65358	2.641	ng/ul	96
61) Fluorene	15.14	166	66286	2.776	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.14	204	32327	2.843	ng/ul	93
63) 4-Nitroaniline	15.17	138	10795m	2.770	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.23	198	10794	2.394	ng/ul#	59
67) N-Nitrosodiphenylamine	15.36	169	51515	2.710	ng/ul	94
68) 4-Bromophenyl-phenylether	16.04	248	18039	2.615	ng/ul	90
69) Hexachlorobenzene	16.14	284	23536	2.907	ng/ul	94
70) Atrazine	16.32	200	17998	2.424	ng/ul	98
71) Pentachlorophenol	16.49	266	9023	1.817	ng/ul	91
72) Phenanthrene	16.87	178	106922	2.870	ng/ul	97
74) Anthracene	16.97	178	109229	2.891	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	12.86	216	24806	2.834	ng/uL	98
76) Pentachlorobenzene	14.40	250	26619	2.874	ng/uL	94
77) Carbazole	17.25	167	79787	2.404	ng/ul	95
78) Di-n-butylphthalate	17.83	149	97809	2.317	ng/ul	98
80) Fluoranthene	18.91	202	115528	2.679	ng/ul	98
82) Pyrene	19.27	202	129538	2.861	ng/ul	100
83) Butylbenzylphthalate	20.21	149	41342	2.146	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.99	252	31470	2.036	ng/ul	90
85) Benzo(a)anthracene	21.04	228	118874	2.697	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	20.99	149	64377	2.064	ng/ul	97
87) Chrysene	21.09	228	122504	2.856	ng/ul	97
89) Di-n-octyl phthalate	21.84	149	110014	1.922	ng/ul	100
90) Benzo(b)fluoranthene	22.54	252	125451m	2.626	ng/ul	
91) Benzo(k)fluoranthene	22.59	252	131268	2.737	ng/ul	98
93) Benzo(a)pyrene	23.07	252	123371	2.775	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.24	276	153358	2.701	ng/ul#	95
95) Dibenzo(a,h)anthracene	25.26	278	128235	2.676	ng/ul	97
96) Benzo(g,h,i)perylene	25.87	276	130294	2.778	ng/ul	96

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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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