Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
Data File : BP004182.D
Acq On : 07 Dec 2020 14:46
Operator : CG/JU
Sample : L4485-11
Misc : MDL-WATER-04
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-04

Quant Time: Dec 07 15:55:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 12:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	375405	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1589321	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	989766	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2128084	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2172172	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2245177	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	53261	5.45	ng/uL	0.00
4) Pyridine-d5	3.74	84	710358	25.59	ng/ul	0.00
7) Phenol-d5	7.00	99	1111631	33.12	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	733495	37.81	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	853189	32.67	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	884616	33.46	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	455450	35.15	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	366122	30.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	803433	30.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1232453	32.26	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2670743	33.98	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3460644	35.83	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	368711	28.66	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2295816	33.40	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	236192	27.31	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3540298	33.85	ng/ul	0.00
81) Pyrene-d10	19.59	212	3983779	34.86	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.56	264	3887457	32.23	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8938	0.844	ng/uL#	78
5) Pyridine	3.76	79	97104	3.460	ng/ul#	47
6) Benzaldehyde	6.99	77	81902	5.492	ng/ul	98
8) Phenol	7.03	94	104758	3.051	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.27	93	95283	3.458	ng/ul	98
12) 2-Chlorophenol	7.40	128	78963	2.991	ng/ul	98
13) 2-Methylphenol	8.28	108	70376	2.693	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.38	45	115514	3.519	ng/ul	96
16) Acetophenone	8.66	105	133004	3.247	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.65	70	64049	2.977	ng/ul	97
18) 4-Methylphenol	8.60	108	81158	2.914	ng/ul	98
19) Hexachloroethane	8.93	117	36191	3.201	ng/ul	96
22) Nitrobenzene	9.04	77	102725	3.253	ng/ul	98
23) Isophorone	9.56	82	176485	2.766	ng/ul	96
25) 2-Nitrophenol	9.75	139	37276	2.941	ng/ul	97
26) 2,4-Dimethylphenol	9.81	107	83404	2.713	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.05	93	117900	3.106	ng/ul	98
29) 2,4-Dichlorophenol	10.28	162	74489	2.962	ng/ul#	89
30) Naphthalene	10.69	128	288200	3.243	ng/ul	99
32) 4-Chloroaniline	10.79	127	112108	3.073	ng/ul	96
33) Hexachlorobutadiene	10.99	225	56816	3.148	ng/ul	99
34) Caprolactam	11.57	113	16892	1.820	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	60110	2.153	ng/ul	98
36) 2-Methylnaphthalene	12.30	142	196299	3.136	ng/ul	99
37) 1-Methylnaphthalene	12.52	142	184562	3.067	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	108321	3.259	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	49299	2.373	ng/ul	97
41) 2,4,6-Trichlorophenol	12.91	196	40114	2.096	ng/ul	96
42) 2,4,5-Trichlorophenol	12.98	196	43993	2.134	ng/ul	98
43) 1,1'-Biphenyl	13.32	154	258020	3.260	ng/ul	100
44) 2-Chloronaphthalene	13.36	162	204971	3.266	ng/ul	98
45) 2-Nitroaniline	13.56	65	34061	2.210	ng/ul	94
47) Dimethylphthalate	13.95	163	246634	3.091	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	32738	2.260	ng/ul	89
50) Acenaphthylene	14.21	152	305591	3.193	ng/ul	100
51) 3-Nitroaniline	14.39	138	33899	2.508	ng/ul	93
52) Acenaphthene	14.55	153	209280	3.099	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	8363	1.498	ng/ul	93
55) 4-Nitrophenol	14.69	109	27789	2.872	ng/ul	88
56) Dibenzofuran	14.89	168	302330	3.230	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	50615	2.558	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.12	232	37150	2.210	ng/ul	98
59) Diethylphthalate	15.32	149	217533	2.700	ng/ul	98
61) Fluorene	15.55	166	248109	3.195	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.54	204	126989	3.134	ng/ul	97
63) 4-Nitroaniline	15.55	138	38146	2.985	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.61	198	25795	2.673	ng/ul#	78
67) N-Nitrosodiphenylamine	15.75	169	195389	2.983	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	71725	2.816	ng/ul	95
69) Hexachlorobenzene	16.55	284	88479	3.115	ng/ul	97
70) Atrazine	16.71	200	55251	2.160	ng/ul	99
71) Pentachlorophenol	16.89	266	24456	1.803	ng/ul	94
72) Phenanthrene	17.29	178	396924	3.242	ng/ul	100
74) Anthracene	17.38	178	398704	3.197	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	107308	3.322	ng/uL	100
76) Pentachlorobenzene	14.81	250	102745	3.147	ng/uL	99
77) Carbazole	17.65	167	299024	2.823	ng/ul	99
78) Di-n-butylphthalate	18.22	149	279606	2.025	ng/ul	99
80) Fluoranthene	19.26	202	421606	2.914	ng/ul	99
82) Pyrene	19.62	202	483921	3.292	ng/ul	98
83) Butylbenzylphthalate	20.50	149	83948	1.406	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.26	252	79895	1.621	ng/ul	95
85) Benzo(a)anthracene	21.33	228	437570	2.995	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	141830	1.574	ng/ul	99
87) Chrysene	21.38	228	444975	3.180	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	201100	1.499	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	410749	2.841	ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	448717	3.204	ng/ul	97
93) Benzo(a)pyrene	23.60	252	418569	3.152	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.13	276	453172	2.665	ng/ul	98
95) Dibenzo(a,h)anthracene	26.15	278	385101	2.713	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	381752	2.675	ng/ul	100

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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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