Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
Data File : BP004184.D
Acq On : 07 Dec 2020 15:54
Operator : CG/JU
Sample : L4485-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-05

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12/8/2020 2:05:38 PM

Quant Time: Dec 07 16:32:32 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	434703	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1838807	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1142636	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2454990	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2490340	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2611335	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	48066	4.25	ng/uL	0.00
4) Pyridine-d5	3.74	84	713746	22.20	ng/ul	0.00
7) Phenol-d5	7.00	99	1124841	28.95	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	734791	32.71	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	863503	28.55	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	901709	29.45	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	462701	30.86	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	375354	27.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	811288	26.93	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1240166	28.06	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2692634	29.67	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3501924	31.40	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	369913	24.90	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2307343	29.07	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	240127	24.07	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3552927	29.45	ng/ul	0.00
81) Pyrene-d10	19.59	212	3991758	30.47	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.56	264	3913774	27.90	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8514	0.694	ng/uL#	78
5) Pyridine	3.76	79	89538	2.755	ng/ul#	45
6) Benzaldehyde	6.99	77	77897	4.511	ng/ul	94
8) Phenol	7.03	94	97817	2.460	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.27	93	89115	2.793	ng/ul	100
12) 2-Chlorophenol	7.40	128	73989	2.420	ng/ul	95
13) 2-Methylphenol	8.28	108	63127	2.086	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.38	45	104719	2.755	ng/ul	97
16) Acetophenone	8.66	105	125067	2.637	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.65	70	59287	2.380	ng/ul	98
18) 4-Methylphenol	8.60	108	74450	2.308	ng/ul	97
19) Hexachloroethane	8.93	117	32811	2.506	ng/ul	98
22) Nitrobenzene	9.04	77	96589	2.643	ng/ul	94
23) Isophorone	9.56	82	162398	2.200	ng/ul	98
25) 2-Nitrophenol	9.75	139	35200	2.400	ng/ul	95
26) 2,4-Dimethylphenol	9.81	107	76799	2.159	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.05	93	109864	2.501	ng/ul	98
29) 2,4-Dichlorophenol	10.28	162	68069	2.339	ng/ul#	88
30) Naphthalene	10.69	128	267400	2.601	ng/ul	99
32) 4-Chloroaniline	10.79	127	102854	2.437	ng/ul	96
33) Hexachlorobutadiene	10.99	225	50695	2.428	ng/ul	99
34) Caprolactam	11.57	113	14072	1.311	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	53514	1.656	ng/ul	99
36) 2-Methylnaphthalene	12.30	142	180660	2.494	ng/ul	100
37) 1-Methylnaphthalene	12.53	142	173393	2.490	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	100480	2.619	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	44506	1.856	ng/ul	96
41) 2,4,6-Trichlorophenol	12.91	196	36890	1.670	ng/ul	98
42) 2,4,5-Trichlorophenol	12.97	196	39948	1.679	ng/ul	98
43) 1,1'-Biphenyl	13.32	154	238382	2.609	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	190864	2.634	ng/ul	98
45) 2-Nitroaniline	13.56	65	32147	1.807	ng/ul	95
47) Dimethylphthalate	13.95	163	225982	2.453	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	30313	1.813	ng/ul#	93
50) Acenaphthylene	14.21	152	281440	2.547	ng/ul	100
51) 3-Nitroaniline	14.39	138	30680	1.966	ng/ul	99
52) Acenaphthene	14.55	153	192967	2.475	ng/ul	96
53) 2,4-Dinitrophenol	14.59	184	7712	1.196	ng/ul	97
55) 4-Nitrophenol	14.68	109	25225m	2.258	ng/ul	
56) Dibenzofuran	14.89	168	279906	2.590	ng/ul	97
57) 2,4-Dinitrotoluene	14.85	165	46025	2.015	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.12	232	34482	1.777	ng/ul	98
59) Diethylphthalate	15.32	149	198797	2.138	ng/ul	98
61) Fluorene	15.55	166	224485	2.504	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.54	204	117898	2.520	ng/ul	98
63) 4-Nitroaniline	15.55	138	34313	2.326	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	25006	2.246	ng/ul#	81
67) N-Nitrosodiphenylamine	15.75	169	179314	2.373	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	67474	2.296	ng/ul	98
69) Hexachlorobenzene	16.55	284	80919	2.469	ng/ul	98
70) Atrazine	16.71	200	50127	1.699	ng/ul	96
71) Pentachlorophenol	16.89	266	22265	1.423	ng/ul	95
72) Phenanthrene	17.29	178	363096	2.571	ng/ul	99
74) Anthracene	17.38	178	361514	2.513	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	99422	2.668	ng/uL	99
76) Pentachlorobenzene	14.81	250	96134	2.552	ng/uL	98
77) Carbazole	17.65	167	269756	2.208	ng/ul	100
78) Di-n-butylphthalate	18.22	149	256280	1.609	ng/ul	99
80) Fluoranthene	19.26	202	381596	2.300	ng/ul	99
82) Pyrene	19.62	202	444952	2.640	ng/ul	99
83) Butylbenzylphthalate	20.50	149	74801	1.093	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	71386	1.263	ng/ul	100
85) Benzo(a)anthracene	21.33	228	402799	2.404	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	128784	1.247	ng/ul	99
87) Chrysene	21.37	228	408701	2.547	ng/ul	100
89) Di-n-octyl phthalate	22.18	149	179797	1.152	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	389482	2.316	ng/ul	98
91) Benzo(k)fluoranthene	23.03	252	407069	2.499	ng/ul	99
93) Benzo(a)pyrene	23.60	252	386254	2.501	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	421162	2.129	ng/ul	99
95) Dibenzo(a,h)anthracene	26.15	278	357643	2.166	ng/ul	98
96) Benzo(g,h,i)perylene	26.87	276	350390	2.111	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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