Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028082.D
Acq On : 08 Dec 2020 21:47
Operator : JU/CG
Sample : L4485-13
Misc : MDL-WATER-01
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
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Quant Time: Dec 09 03:55:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	218436	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	898628	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	528493	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1098941	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1074117	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	1134120	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	25786	4.51	ng/uL	0.00
4) Pyridine-d5	3.93	84	332311	21.27	ng/ul	0.00
7) Phenol-d5	7.42	99	608342	32.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	390676	32.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	513964	33.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	509359	33.47	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	246868	34.05	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	254591	34.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	466169	31.77	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	668286	32.65	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1374242	32.70	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1765833	34.59	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	246002	31.07	ng/ul	0.00
60) Fluorene-d10	15.89	176	1161082	31.77	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	193763	28.86	ng/ul	0.00
73) Anthracene-d10	17.72	188	1764434	32.26	ng/ul	0.00
81) Pyrene-d10	19.97	212	1912349	32.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	1893206	30.49	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.96	79	39916	2.548	ng/ul#	75
6) Benzaldehyde	7.40	77	32610	4.479	ng/ul	96
8) Phenol	7.44	94	45225	2.406	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.69	93	39857	2.487	ng/ul	96
12) 2-Chlorophenol	7.83	128	37380	2.325	ng/ul	94
13) 2-Methylphenol	8.72	108	31177	2.155	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.81	45	63122	2.378	ng/ul	98
16) Acetophenone	9.12	105	53669	2.323	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	25632	2.273	ng/ul	97
18) 4-Methylphenol	9.05	108	36366	2.324	ng/ul	94
19) Hexachloroethane	9.39	117	15705	2.278	ng/ul	96
22) Nitrobenzene	9.50	77	43600	2.477	ng/ul	97
23) Isophorone	10.03	82	69011	2.214	ng/ul	97
25) 2-Nitrophenol	10.22	139	20547	2.483	ng/ul	97
26) 2,4-Dimethylphenol	10.26	107	38641	2.312	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	49090	2.326	ng/ul	100
29) 2,4-Dichlorophenol	10.75	162	34487	2.387	ng/ul	88
30) Naphthalene	11.17	128	121856	2.347	ng/ul	98
32) 4-Chloroaniline	11.26	127	49244	2.473	ng/ul	97
33) Hexachlorobutadiene	11.45	225	22533	2.394	ng/ul	99
34) Caprolactam	12.05	113	8572m	1.891	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	32776	2.207	ng/ul	96

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36) 2-Methylnaphthalene	12.75	142	82411	2.336	ng/ul	100
37) 1-Methylnaphthalene	12.97	142	76958	2.268	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	41594	2.333	ng/ul	97
40) Hexachlorocyclopentadiene	13.09	237	19342	1.850	ng/ul	90
41) 2,4,6-Trichlorophenol	13.34	196	22428	2.049	ng/ul	99
42) 2,4,5-Trichlorophenol	13.41	196	25079	2.120	ng/ul	98
43) 1,1'-Biphenyl	13.74	154	105166	2.296	ng/ul	98
44) 2-Chloronaphthalene	13.79	162	82711	2.307	ng/ul	99
45) 2-Nitroaniline	13.98	65	18516	1.969	ng/ul	93
47) Dimethylphthalate	14.34	163	102141	2.359	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	15771	1.900	ng/ul#	92
50) Acenaphthylene	14.63	152	124408	2.355	ng/ul	100
51) 3-Nitroaniline	14.79	138	16116	2.074	ng/ul	88
52) Acenaphthene	14.96	153	87327	2.293	ng/ul	97
53) 2,4-Dinitrophenol	15.00	184	5915	1.239	ng/ul	92
55) 4-Nitrophenol	15.08	109	14407	2.462	ng/ul	91
56) Dibenzofuran	15.29	168	123317	2.377	ng/ul	97
57) 2,4-Dinitrotoluene	15.24	165	23286	1.997	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.51	232	20075	2.007	ng/ul#	96
59) Diethylphthalate	15.69	149	98220	2.225	ng/ul	97
61) Fluorene	15.94	166	102393	2.371	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.92	204	50991	2.396	ng/ul	98
63) 4-Nitroaniline	15.94	138	17417	2.713	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	16.00	198	15969	2.189	ng/ul#	37
67) N-Nitrosodiphenylamine	16.13	169	81822	2.263	ng/ul	100
68) 4-Bromophenyl-phenylether	16.81	248	29402	2.275	ng/ul	95
69) Hexachlorobenzene	16.93	284	34465	2.338	ng/ul	99
70) Atrazine	17.06	200	26134	2.015	ng/ul	94
71) Pentachlorophenol	17.27	266	14273	1.677	ng/ul	93
72) Phenanthrene	17.66	178	158394	2.336	ng/ul	99
74) Anthracene	17.75	178	162428	2.351	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	40798	2.311	ng/uL	100
76) Pentachlorobenzene	15.22	250	40407	2.304	ng/uL	97
77) Carbazole	18.01	167	132202	2.253	ng/ul	98
78) Di-n-butylphthalate	18.55	149	155039	2.030	ng/ul	98
80) Fluoranthene	19.64	202	173920	2.291	ng/ul	99
82) Pyrene	20.00	202	192195	2.444	ng/ul	97
83) Butylbenzylphthalate	20.86	149	62323	1.886	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.63	252	52978	2.185	ng/ul	99
85) Benzo(a)anthracene	21.71	228	174940	2.392	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	97799	1.933	ng/ul	100
87) Chrysene	21.76	228	174610	2.435	ng/ul	99
89) Di-n-octyl phthalate	22.53	149	166995	1.839	ng/ul	100
90) Benzo(b)fluoranthene	23.39	252	180663	2.316	ng/ul	98
91) Benzo(k)fluoranthene	23.44	252	168883	2.240	ng/ul	100
93) Benzo(a)pyrene	24.03	252	159717	2.288	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.60	276	195717	2.354	ng/ul	98
95) Dibenzo(a,h)anthracene	26.61	278	168098	2.377	ng/ul	99
96) Benzo(g,h,i)perylene	27.36	276	165453	2.372	ng/ul	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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