Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012521\
Data File : BM028530.D
Acq On : 25 Jan 2021 15:42
Operator : CG/JU
Sample : L5214-01
Misc : SFAM-MDL-W-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2021-01

Manual Integrations APPROVED
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1/27/2021 1:07:14 PM

Quant Time: Jan 25 16:12:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 25 12:52:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	26161	20.00	ng/ul	0.00
20) Naphthalene-d8	10.810	136	104988	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	58864	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	118330	20.00	ng/ul	0.00
79) Chrysene-d12	21.497	240	114533	20.00	ng/ul	0.00
88) Perylene-d12	23.774	264	114979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	2031	3.26	ng/uL	0.00
4) Pyridine-d5	3.722	84	34555	19.39	ng/ul	0.00
7) Phenol-d5	7.151	99	78817	35.96	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	49467	35.71	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	67885	36.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	66341	37.25	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	32134	37.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	35328	38.19	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	60988	35.09	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	85110	36.62	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	172727	36.60	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	224584	39.08	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	31128	37.59	ng/ul	0.00
60) Fluorene-d10	15.627	176	143824	36.23	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	26641	35.04	ng/ul	0.00
73) Anthracene-d10	17.462	188	215675	36.67	ng/ul	0.00
81) Pyrene-d10	19.739	212	232093	35.67	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	223622	35.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	853	1.28	ng/uL#	91
5) Pyridine	3.746	79	7296	4.08	ng/ul#	75
6) Benzaldehyde	7.122	77	4837	5.51	ng/ul	95
8) Phenol	7.175	94	9140	4.12	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.410	93	7687	4.16	ng/ul	95
12) 2-Chlorophenol	7.551	128	8091	4.26	ng/ul	97
13) 2-Methylphenol	8.439	108	6789	4.01	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	12088	3.82	ng/ul	97
16) Acetophenone	8.828	105	11341	4.16	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.810	70	5385	3.99	ng/ul	99
18) 4-Methylphenol	8.769	108	7370	4.07	ng/ul	100
19) Hexachloroethane	9.081	117	3273	3.90	ng/ul	96
22) Nitrobenzene	9.210	77	8752	4.14	ng/ul	93
23) Isophorone	9.733	82	14574	3.96	ng/ul	99
25) 2-Nitrophenol	9.922	139	4325	4.32	ng/ul	95
26) 2,4-Dimethylphenol	9.980	107	7973	4.05	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.216	93	9959	4.16	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	7109	4.23	ng/ul	95
30) Naphthalene	10.857	128	24657	4.11	ng/ul	98
32) 4-Chloroaniline	10.969	127	9598	4.24	ng/ul	98
33) Hexachlorobutadiene	11.133	225	4700	4.12	ng/ul	96
34) Caprolactam	11.751	113	1737	3.51	ng/ul	90
35) 4-Chloro-3-methylphenol	12.086	107	6996	4.07	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	16542	4.09	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.680	142	16534	4.25	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.833	216	8332	4.12	ng/ul	100
40)	Hexachlorocyclopentadiene	12.804	237	3770	3.62	ng/ul	97
41)	2,4,6-Trichlorophenol	13.074	196	4946	3.91	ng/ul	94
42)	2,4,5-Trichlorophenol	13.145	196	5426	3.99	ng/ul	88
43)	1,1'-Biphenyl	13.469	154	21043	4.08	ng/ul	97
44)	2-Chloronaphthalene	13.516	162	16471	4.10	ng/ul	98
45)	2-Nitroaniline	13.721	65	4134	3.73	ng/ul	98
47)	Dimethylphthalate	14.086	163	20212	4.18	ng/ul	99
48)	2,6-Dinitrotoluene	14.216	165	3617	3.79	ng/ul	96
50)	Acenaphthylene	14.363	152	24538	4.18	ng/ul	97
51)	3-Nitroaniline	14.545	138	3381	3.89	ng/ul	95
52)	Acenaphthene	14.698	153	17623	4.16	ng/ul	96
53)	2,4-Dinitrophenol	14.763	184	1663	3.19	ng/ul	90
55)	4-Nitrophenol	14.845	109	2743	4.15	ng/ul#	81
56)	Dibenzofuran	15.033	168	23908	4.21	ng/ul	100
57)	2,4-Dinitrotoluene	15.004	165	5030	3.91	ng/ul#	92
58)	2,3,4,6-Tetrachlorophenol	15.257	232	4328	3.92	ng/ul#	97
59)	Diethylphthalate	15.445	149	19473	3.92	ng/ul	99
61)	Fluorene	15.680	166	19977	4.23	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.668	204	9874	4.19	ng/ul	97
63)	4-Nitroaniline	15.698	138	3357	4.44	ng/ul	94
66)	4,6-Dinitro-2-methylph...	15.762	198	3200	3.92	ng/ul#	71
67)	N-Nitrosodiphenylamine	15.880	169	16143	4.06	ng/ul	95
68)	4-Bromophenyl-phenylether	16.562	248	5684	3.94	ng/ul	95
69)	Hexachlorobenzene	16.674	284	6518	3.99	ng/ul	97
70)	Atrazine	16.821	200	5587	3.80	ng/ul	100
71)	Pentachlorophenol	17.015	266	3091	3.35	ng/ul	96
72)	Phenanthrene	17.409	178	30416	4.20	ng/ul	99
74)	Anthracene	17.498	178	31102	4.22	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.439	216	8229	4.05	ng/uL	97
76)	Pentachlorobenzene	14.951	250	7685	3.87	ng/uL	97
77)	Carbazole	17.762	167	26944	4.32	ng/ul	99
78)	Di-n-butylphthalate	18.315	149	32501	3.78	ng/ul	99
80)	Fluoranthene	19.403	202	34084	3.96	ng/ul	100
82)	Pyrene	19.762	202	35450	4.01	ng/ul	99
83)	Butylbenzylphthalate	20.639	149	15303	3.82	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.415	252	12043	5.11	ng/ul	97
85)	Benzo(a)anthracene	21.486	228	33308	4.25	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.403	149	23005	3.71	ng/ul	99
87)	Chrysene	21.539	228	32426	4.25	ng/ul	99
89)	Di-n-octyl phthalate	22.286	149	39701	3.67	ng/ul	100
90)	Benzo(b)fluoranthene	23.086	252	33911	4.30	ng/ul	97
91)	Benzo(k)fluoranthene	23.133	252	32680m	4.25	ng/ul	
93)	Benzo(a)pyrene	23.674	252	30160	4.23	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.085	276	36801	4.37	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.091	278	31473	4.40	ng/ul	96
96)	Benzo(g,h,i)perylene	26.791	276	30650	4.32	ng/ul	98

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

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