Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060821\
Data File : BM030320.D
Acq On : 08 Jun 2021 12:51
Operator : CG/JU
Sample : M2250-06
Misc : SFAM-MDL-S-ME-02
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-MED-MED-SOIL-QT3-2021-06

Quant Time: Jun 08 14:22:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 08 09:51:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	189665	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	819422	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	529336	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1049368	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	919498	20.000	ng/ul	0.00
88) Perylene-d12	23.650	264	840715	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	23097	4.650	ng/uL	0.00
4) Pyridine-d5	3.734	84	183673	14.073	ng/ul	0.00
7) Phenol-d5	7.004	99	324503	19.686	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	229912	21.610	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	263858	22.133	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	257937	19.592	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	120315	21.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	118257	21.228	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	255978	21.095	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	351783	18.963	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	791935	21.801	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1005978	22.167	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	124384	18.293	ng/ul	0.00
60) Fluorene-d10	15.463	176	721405	22.183	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	97194	16.046	ng/ul	0.00
73) Anthracene-d10	17.304	188	1053541	22.074	ng/ul	0.00
81) Pyrene-d10	19.592	212	1100098	22.858	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.509	264	1001168	23.882	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	6535	1.298	ng/uL	95
5) Pyridine	3.758	79	53575	3.888	ng/ul#	79
6) Benzaldehyde	6.993	77	47149	6.103	ng/ul	95
8) Phenol	7.034	94	71186	4.264	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	61108	4.534	ng/ul	99
12) 2-Chlorophenol	7.410	128	57683	4.690	ng/ul	96
13) 2-Methylphenol	8.287	108	47869	3.856	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	98005	4.514	ng/ul	99
16) Acetophenone	8.669	105	90582	4.352	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.651	70	44486	4.397	ng/ul	96
18) 4-Methylphenol	8.604	108	55532	4.056	ng/ul	98
19) Hexachloroethane	8.928	117	22867	4.394	ng/ul	99
22) Nitrobenzene	9.045	77	67527	4.690	ng/ul	97
23) Isophorone	9.569	82	109457	4.157	ng/ul	98
25) 2-Nitrophenol	9.757	139	28180	4.567	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	61765	4.421	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.051	93	78773	4.494	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	53795	4.552	ng/ul	94
30) Naphthalene	10.692	128	194868	4.692	ng/ul	100
32) 4-Chloroaniline	10.798	127	79851	4.300	ng/ul	99
33) Hexachlorobutadiene	10.981	225	36559	4.861	ng/ul	96
34) Caprolactam	11.581	113	13782	3.643	ng/ul	93
35) 4-Chloro-3-methylphenol	11.910	107	48116	4.001	ng/ul	98
36) 2-Methylnaphthalene	12.298	142	134349	4.547	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	137026	4.569	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	73454	4.773	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	38131	3.921	ng/ul	93
41) 2,4,6-Trichlorophenol	12.904	196	37531	4.059	ng/ul	90
42) 2,4,5-Trichlorophenol	12.969	196	42513	4.221	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	177394	4.600	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	136867	4.599	ng/ul	98
45) 2-Nitroaniline	13.551	65	27987	3.761	ng/ul	97
47) Dimethylphthalate	13.927	163	164972	4.649	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	24159	3.799	ng/ul	90
50) Acenaphthylene	14.192	152	205532	4.742	ng/ul	99
51) 3-Nitroaniline	14.374	138	25790	3.557	ng/ul	97
52) Acenaphthene	14.533	153	149778	4.651	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	19942	4.699	ng/ul	96
55) 4-Nitrophenol	14.663	109	21848	4.101	ng/ul	93
56) Dibenzofuran	14.869	168	206648	4.612	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	34333	3.817	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.092	232	33892	4.204	ng/ul	99
59) Diethylphthalate	15.286	149	152626	4.358	ng/ul	99
61) Fluorene	15.516	166	171436	4.557	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	83138	4.589	ng/ul	99
63) 4-Nitroaniline	15.527	138	25007	3.684	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.586	198	21993	3.662	ng/ul#	81
67) N-Nitrosodiphenylamine	15.721	169	140017	4.529	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	44854	4.394	ng/ul	97
69) Hexachlorobenzene	16.516	284	54140	4.667	ng/ul	99
70) Atrazine	16.668	200	39736	3.582	ng/ul	96
71) Pentachlorophenol	16.857	266	27692	3.895	ng/ul	99
72) Phenanthrene	17.251	178	258423	4.555	ng/ul	98
74) Anthracene	17.339	178	262364	4.582	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	70484	4.668	ng/uL	96
76) Pentachlorobenzene	14.792	250	67111	4.615	ng/uL	97
77) Carbazole	17.604	167	211919	4.167	ng/ul	99
78) Di-n-butylphthalate	18.168	149	208448	3.914	ng/ul	99
80) Fluoranthene	19.257	202	269557	4.558	ng/ul	98
82) Pyrene	19.621	202	301344	4.818	ng/ul	98
83) Butylbenzylphthalate	20.509	149	72720	3.705	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.286	252	55519	3.339	ng/ul	98
85) Benzo(a)anthracene	21.356	228	255941	4.607	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	96895	3.254	ng/ul	98
87) Chrysene	21.403	228	252831	4.615	ng/ul	99
89) Di-n-octyl phthalate	22.168	149	159644	2.948	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	250338	4.632	ng/ul	100
91) Benzo(k)fluoranthene	23.009	252	235024	4.553	ng/ul	100
93) Benzo(a)pyrene	23.550	252	213728	4.525	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	253269	4.357	ng/ul	99
95) Dibenzo(a,h)anthracene	25.980	278	212306	4.338	ng/ul	99
96) Benzo(g,h,i)perylene	26.680	276	209888	4.394	ng/ul	99

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

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