Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060821\
Data File : BM030318.D
Acq On : 08 Jun 2021 11:34
Operator : CG/JU
Sample : M2250-04
Misc : SFAM-MDL-S-02
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
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6/9/2021 3:52:24 PM

Quant Time: Jun 08 12:10:00 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	168295	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	712545	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	473069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1018038	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1075771	20.000	ng/ul	0.00
88) Perylene-d12	23.650	264	1062414	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	20234	4.591	ng/uL	0.00
4) Pyridine-d5	3.734	84	157262	13.579	ng/ul	0.00
7) Phenol-d5	7.004	99	286470	19.585	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	203402	21.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	232147	21.946	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	224683	19.233	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	103946	21.312	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	101436	20.940	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	221524	20.994	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	316675	19.631	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	726480	22.378	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	896088	22.094	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	118088	19.433	ng/ul	0.00
60) Fluorene-d10	15.462	176	664773	22.872	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	93261	15.870	ng/ul	0.00
73) Anthracene-d10	17.304	188	1026290	22.164	ng/ul	0.00
81) Pyrene-d10	19.592	212	1159957	20.601	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.509	264	1252262	23.638	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	6349	1.421	ng/uL	87
5) Pyridine	3.757	79	47298	3.869	ng/ul#	68
6) Benzaldehyde	6.992	77	40796	5.951	ng/ul	96
8) Phenol	7.034	94	62294	4.205	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	52563	4.395	ng/ul	98
12) 2-Chlorophenol	7.416	128	51018	4.675	ng/ul	96
13) 2-Methylphenol	8.281	108	42822	3.887	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	84802	4.402	ng/ul	99
16) Acetophenone	8.669	105	79803	4.321	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.651	70	38072	4.241	ng/ul	96
18) 4-Methylphenol	8.610	108	49768	4.097	ng/ul	92
19) Hexachloroethane	8.933	117	20242	4.384	ng/ul	98
22) Nitrobenzene	9.045	77	58619	4.682	ng/ul	99
23) Isophorone	9.569	82	96347	4.208	ng/ul	98
25) 2-Nitrophenol	9.757	139	24467	4.560	ng/ul	96
26) 2,4-Dimethylphenol	9.810	107	53836	4.432	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.051	93	68392	4.487	ng/ul	98
29) 2,4-Dichlorophenol	10.280	162	47680	4.640	ng/ul	96
30) Naphthalene	10.692	128	169758	4.700	ng/ul	98
32) 4-Chloroaniline	10.792	127	71519	4.429	ng/ul	99
33) Hexachlorobutadiene	10.980	225	32203	4.925	ng/ul	94
34) Caprolactam	11.586	113	12992m	3.949	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	42853	4.098	ng/ul	97
36) 2-Methylnaphthalene	12.298	142	118898	4.627	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.516	142	119837	4.595	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.669	216	64178	4.666	ng/ul	98
40)	Hexachlorocyclopentadiene	12.651	237	32568	3.748	ng/ul	89
41)	2,4,6-Trichlorophenol	12.904	196	32534	3.937	ng/ul	98
42)	2,4,5-Trichlorophenol	12.969	196	36684	4.076	ng/ul	97
43)	1,1'-Biphenyl	13.310	154	157483	4.569	ng/ul	98
44)	2-Chloronaphthalene	13.351	162	123184	4.631	ng/ul	99
45)	2-Nitroaniline	13.551	65	24828	3.734	ng/ul	94
47)	Dimethylphthalate	13.927	163	151463	4.776	ng/ul	99
48)	2,6-Dinitrotoluene	14.045	165	22461	3.952	ng/ul	97
50)	Acenaphthylene	14.192	152	184307	4.758	ng/ul	98
51)	3-Nitroaniline	14.374	138	23182	3.578	ng/ul	91
52)	Acenaphthene	14.539	153	132579	4.607	ng/ul	96
53)	2,4-Dinitrophenol	14.574	184	18277	4.819	ng/ul	93
55)	4-Nitrophenol	14.663	109	20329	4.270	ng/ul	92
56)	Dibenzofuran	14.868	168	188482	4.707	ng/ul	99
57)	2,4-Dinitrotoluene	14.827	165	33562	4.175	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.092	232	30794	4.274	ng/ul#	98
59)	Diethylphthalate	15.286	149	144053	4.603	ng/ul	100
61)	Fluorene	15.521	166	156665	4.660	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.509	204	79080	4.885	ng/ul	96
63)	4-Nitroaniline	15.527	138	24340	4.012	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.586	198	20569	3.530	ng/ul#	85
67)	N-Nitrosodiphenylamine	15.721	169	131001	4.368	ng/ul	98
68)	4-Bromophenyl-phenylether	16.404	248	42948	4.337	ng/ul	99
69)	Hexachlorobenzene	16.521	284	51674	4.591	ng/ul	97
70)	Atrazine	16.668	200	39900	3.707	ng/ul	98
71)	Pentachlorophenol	16.856	266	27810	4.032	ng/ul	97
72)	Phenanthrene	17.251	178	254100	4.616	ng/ul	100
74)	Anthracene	17.339	178	256912	4.624	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.274	216	61450	4.195	ng/uL	100
76)	Pentachlorobenzene	14.792	250	60254	4.271	ng/uL	97
77)	Carbazole	17.609	167	209524	4.246	ng/ul	99
78)	Di-n-butylphthalate	18.168	149	210571	4.075	ng/ul	99
80)	Fluoranthene	19.256	202	281189	4.064	ng/ul	98
82)	Pyrene	19.621	202	316555	4.326	ng/ul	97
83)	Butylbenzylphthalate	20.509	149	83734	3.646	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.286	252	70966	3.648	ng/ul	99
85)	Benzo(a)anthracene	21.356	228	300848	4.628	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.286	149	125496	3.602	ng/ul	99
87)	Chrysene	21.409	228	298682	4.660	ng/ul	99
89)	Di-n-octyl phthalate	22.168	149	213031	3.113	ng/ul	100
90)	Benzo(b)fluoranthene	22.962	252	313336	4.588	ng/ul	99
91)	Benzo(k)fluoranthene	23.009	252	291067	4.462	ng/ul	97
93)	Benzo(a)pyrene	23.550	252	274300	4.595	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.968	276	307736	4.189	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.979	278	259280	4.192	ng/ul	99
96)	Benzo(g,h,i)perylene	26.673	276	250958	4.157	ng/ul	98

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

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