

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030828.D
 Acq On : 06 Jul 2021 20:19
 Operator : CG/JU
 Sample : M2905-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK22MS

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:46 PM

Quant Time: Jul 07 01:29:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	82234	20.000	ng/ul	0.00
20) Naphthalene-d8	10.551	136	363332	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	246139	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	528253	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	508476	20.000	ng/ul	0.00
88) Perylene-d12	23.550	264	389495	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	10382	4.933	ng/uL	0.00
4) Pyridine-d5	3.687	84	47079	8.555	ng/ul	0.01
7) Phenol-d5	6.934	99	63478	8.834	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	171134	36.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	169537	30.753	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	117220	20.356	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	106459	39.395	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	116612	39.439	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	212054	37.267	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	258732	32.019	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	807057	46.835	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	931000	42.771	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	33741	11.251	ng/ul	0.00
60) Fluorene-d10	15.386	176	687704	45.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	151367	44.687	ng/ul	0.00
73) Anthracene-d10	17.233	188	1122480	45.599	ng/ul	0.00
81) Pyrene-d10	19.521	212	1270057	45.289	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	965310	48.013	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	12196	5.621	ng/uL	97
5) Pyridine	3.704	79	54035	9.007	ng/ul	98
6) Benzaldehyde	6.916	77	191421m	51.773	ng/ul	
8) Phenol	6.963	94	78323	10.635	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.192	93	232485	40.525	ng/ul	99
12) 2-Chlorophenol	7.334	128	188300	34.096	ng/ul	99
13) 2-Methylphenol	8.204	108	141823	26.489	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.292	45	385403	40.798	ng/ul	99
16) Acetophenone	8.586	105	388949	42.919	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.575	70	209829	46.612	ng/ul	98
18) 4-Methylphenol	8.534	108	135831	23.120	ng/ul	96
19) Hexachloroethane	8.839	117	83176	35.791	ng/ul	92
22) Nitrobenzene	8.963	77	300028	43.180	ng/ul	98
23) Isophorone	9.486	82	565196	46.610	ng/ul	99
25) 2-Nitrophenol	9.669	139	136311	43.000	ng/ul	98
26) 2,4-Dimethylphenol	9.728	107	216595	32.945	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	335449	43.714	ng/ul	98
29) 2,4-Dichlorophenol	10.198	162	223798	40.551	ng/ul	99
30) Naphthalene	10.598	128	742923	40.662	ng/ul	99
32) 4-Chloroaniline	10.716	127	288627	35.604	ng/ul	99
33) Hexachlorobutadiene	10.880	225	140786	37.526	ng/ul	98
34) Caprolactam	11.516	113	9661m	6.051	ng/ul	
35) 4-Chloro-3-methylphenol	11.833	107	231688	41.424	ng/ul	99
36) 2-Methylnaphthalene	12.210	142	572209	43.926	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	556878	42.170	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	308970	41.382	ng/ul	98
40) Hexachlorocyclopentadiene	12.563	237	126261	27.820	ng/ul	99
41) 2,4,6-Trichlorophenol	12.827	196	215515	45.753	ng/ul	98
42) 2,4,5-Trichlorophenol	12.892	196	231694	46.407	ng/ul	98
43) 1,1'-Biphenyl	13.227	154	772362	43.064	ng/ul	100
44) 2-Chloronaphthalene	13.269	162	604196	43.046	ng/ul	99
45) 2-Nitroaniline	13.480	65	218251	55.338	ng/ul	99
47) Dimethylphthalate	13.857	163	867952	51.413	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	183901	56.560	ng/ul	99
50) Acenaphthylene	14.116	152	970252	47.713	ng/ul	99
51) 3-Nitroaniline	14.310	138	167810	49.398	ng/ul	97
52) Acenaphthene	14.463	153	685382	46.202	ng/ul	99
53) 2,4-Dinitrophenol	14.521	184	98257	50.713	ng/ul	95
55) 4-Nitrophenol	14.615	109	32265	12.676	ng/ul	97
56) Dibenzofuran	14.798	168	992582	47.520	ng/ul	99
57) 2,4-Dinitrotoluene	14.768	165	269759	59.509	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.021	232	227896	54.898	ng/ul	96
59) Diethylphthalate	15.221	149	923507	55.117	ng/ul	99
61) Fluorene	15.445	166	870913	50.621	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	436779	50.443	ng/ul	99
63) 4-Nitroaniline	15.474	138	191373	59.138	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.533	198	161981	49.535	ng/ul#	99
67) N-Nitrosodiphenylamine	15.651	169	746725	47.417	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	269422	48.427	ng/ul	96
69) Hexachlorobenzene	16.445	284	314472	49.803	ng/ul	99
70) Atrazine	16.609	200	293209	52.276	ng/ul	98
71) Pentachlorophenol	16.792	266	191471	49.901	ng/ul	96
72) Phenanthrene	17.180	178	1408568	49.971	ng/ul	100
74) Anthracene	17.268	178	1447541	49.982	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.192	216	297683	36.349	ng/uL	99
76) Pentachlorobenzene	14.715	250	325901	40.667	ng/uL	99
77) Carbazole	17.539	167	1324514	52.610	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1683444	58.021	ng/ul	100
80) Fluoranthene	19.192	202	1692277	48.940	ng/ul	98
82) Pyrene	19.550	202	1766455	49.289	ng/ul	99
83) Butylbenzylphthalate	20.445	149	717035	58.531	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	444635	47.921	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1614065	50.771	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	1128878	62.508	ng/ul	99
87) Chrysene	21.344	228	1559835	49.866	ng/ul	100
89) Di-n-octyl phthalate	22.091	149	1605879	66.390	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1377288	54.894	ng/ul	99
91) Benzo(k)fluoranthene	22.921	252	1330676	54.565	ng/ul	99
93) Benzo(a)pyrene	23.456	252	1133937	51.072	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.827	276	1288806	46.674	ng/ul	99
95) Dibenzo(a,h)anthracene	25.832	278	1094812	47.287	ng/ul	99
96) Benzo(g,h,i)perylene	26.526	276	986954	44.581	ng/ul	99

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

