

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030726.D
 Acq On : 01 Jul 2021 04:38
 Operator : CG/JU
 Sample : PB137380BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS380

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:55:42 PM

Quant Time: Jul 01 05:22:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 00:59:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	106141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	456157	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	297272	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	615368	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	541820	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	433004	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	16511	6.307	ng/uL	0.00
4) Pyridine-d5	3.675	84	197705	28.106	ng/ul	0.00
7) Phenol-d5	6.945	99	330205	36.072	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	206425	35.877	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	262536	37.155	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	261548	36.714	ng/ul	0.00
21) Nitrobenzene-d5	8.933	128	126783	37.246	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	142356	37.632	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	274988	37.948	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	333603	33.012	ng/ul	0.00
46) Dimethylphthalate-d6	13.821	166	828218	40.350	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	1031915	38.730	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	152167	39.131	ng/ul	0.00
60) Fluorene-d10	15.398	176	723920	39.764	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	144952	36.004	ng/ul	0.00
73) Anthracene-d10	17.245	188	1062414	36.993	ng/ul	0.00
81) Pyrene-d10	19.533	212	1171214	41.254	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	956281	42.479	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	39888	14.325	ng/uL	95
5) Pyridine	3.693	79	228109	30.125	ng/ul	97
6) Benzaldehyde	6.922	77	197586m	44.392	ng/ul	
8) Phenol	6.975	94	338395	36.560	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.204	93	255340	35.002	ng/ul	99
12) 2-Chlorophenol	7.339	128	262158	36.818	ng/ul	97
13) 2-Methylphenol	8.216	108	243059	36.238	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.304	45	426848	36.913	ng/ul	99
16) Acetophenone	8.598	105	425041	38.637	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.586	70	221035	40.621	ng/ul	98
18) 4-Methylphenol	8.545	108	271016	37.103	ng/ul	95
19) Hexachloroethane	8.845	117	105883	35.490	ng/ul	99
22) Nitrobenzene	8.975	77	325494	37.905	ng/ul	98
23) Isophorone	9.498	82	597859	40.206	ng/ul	99
25) 2-Nitrophenol	9.680	139	151860	37.808	ng/ul	94
26) 2,4-Dimethylphenol	9.739	107	207451	25.553	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.980	93	362215	37.440	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	263730	37.989	ng/ul	96
30) Naphthalene	10.610	128	838858	36.321	ng/ul	100
32) 4-Chloroaniline	10.722	127	328306	32.725	ng/ul	100
33) Hexachlorobutadiene	10.892	225	169403	36.088	ng/ul	100
34) Caprolactam	11.516	113	88537m	43.939	ng/ul	
35) 4-Chloro-3-methylphenol	11.851	107	292426	42.899	ng/ul	99
36) 2-Methylnaphthalene	12.221	142	623844	38.708	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	606088	37.152	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	337289	36.367	ng/ul	99
40) Hexachlorocyclopentadiene	12.574	237	150814	24.920	ng/ul	99
41) 2,4,6-Trichlorophenol	12.833	196	213757	36.597	ng/ul	97
42) 2,4,5-Trichlorophenol	12.910	196	238161	38.205	ng/ul	96
43) 1,1'-Biphenyl	13.239	154	821582	37.447	ng/ul	100
44) 2-Chloronaphthalene	13.280	162	641945	37.217	ng/ul	100
45) 2-Nitroaniline	13.492	65	208734	45.030	ng/ul	99
47) Dimethylphthalate	13.868	163	843789	41.956	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	177665	45.850	ng/ul	99
50) Acenaphthylene	14.127	152	957389	38.738	ng/ul	100
51) 3-Nitroaniline	14.315	138	177889	43.095	ng/ul	99
52) Acenaphthene	14.468	153	706904	39.413	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	94603	37.138	ng/ul	98
55) 4-Nitrophenol	14.627	109	132947	42.734	ng/ul	98
56) Dibenzofuran	14.804	168	995102	39.797	ng/ul	98
57) 2,4-Dinitrotoluene	14.774	165	253939	46.804	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.033	232	189479	37.549	ng/ul	99
59) Diethylphthalate	15.227	149	866771	44.865	ng/ul	99
61) Fluorene	15.457	166	854070	41.446	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	429873	41.888	ng/ul	98
63) 4-Nitroaniline	15.480	138	192780	49.043	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.539	198	144644	36.918	ng/ul	98
67) N-Nitrosodiphenylamine	15.662	169	712604	38.855	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	258164	41.115	ng/ul	99
69) Hexachlorobenzene	16.456	284	297319	40.937	ng/ul	100
70) Atrazine	16.615	200	135579	20.842	ng/ul	99
71) Pentachlorophenol	16.798	266	146807	32.257	ng/ul	97
72) Phenanthrene	17.186	178	1317205	39.859	ng/ul	99
74) Anthracene	17.280	178	1289736	38.171	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	340187	34.660	ng/uL	98
76) Pentachlorobenzene	14.727	250	329965	35.293	ng/uL	99
77) Carbazole	17.551	167	1168696	38.572	ng/ul	99
78) Di-n-butylphthalate	18.109	149	1464461	47.434	ng/ul	99
80) Fluoranthene	19.197	202	1493176	43.064	ng/ul	99
82) Pyrene	19.562	202	1536052	42.161	ng/ul	100
83) Butylbenzylphthalate	20.456	149	606631	50.583	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	384185	35.971	ng/ul	97
85) Benzo(a)anthracene	21.297	228	1357230	40.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	891636	51.692	ng/ul	98
87) Chrysene	21.350	228	1300544	39.676	ng/ul	99
89) Di-n-octyl phthalate	22.103	149	1372048	55.083	ng/ul	100
90) Benzo(b)fluoranthene	22.885	252	1226202	44.604	ng/ul	100
91) Benzo(k)fluoranthene	22.933	252	1181552	44.723	ng/ul	99
93) Benzo(a)pyrene	23.468	252	1052178	42.566	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.850	276	1376505	44.234	ng/ul	99
95) Dibenzo(a,h)anthracene	25.856	278	1156272	44.822	ng/ul	98
96) Benzo(g,h,i)perylene	26.544	276	1122032	43.216	ng/ul	99

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

