

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030521.D
 Acq On : 22 Jun 2021 18:42
 Operator : CG/JU
 Sample : PB137201BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS201

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:47:13 PM

Quant Time: Jun 23 01:31:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	187635	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	821501	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	543010	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1092524	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	926747	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	731755	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	25673	5.547	ng/uL	0.00
4) Pyridine-d5	3.699	84	316044	25.416	ng/u1	0.00
7) Phenol-d5	6.981	99	563636	34.830	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	368031	36.183	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	437493	35.024	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	458648	36.419	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	224028	36.545	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	240191	35.257	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	469319	35.962	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	616805	33.892	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1490832	39.762	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1882422	38.679	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	261907	36.872	ng/u1	0.00
60) Fluorene-d10	15.433	176	1316994	39.603	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	264898	37.060	ng/u1	0.00
73) Anthracene-d10	17.280	188	1910081	37.461	ng/u1	0.00
81) Pyrene-d10	19.568	212	2047640	42.167	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.480	264	1609726	42.312	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	65571	13.321	ng/uL	97
5) Pyridine	3.716	79	372930	27.860	ng/u1	99
6) Benzaldehyde	6.951	77	327250	41.591	ng/u1	95
8) Phenol	7.004	94	571616	34.934	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	463975	35.978	ng/u1	99
12) 2-Chlorophenol	7.375	128	439424	34.910	ng/u1	100
13) 2-Methylphenol	8.251	108	425804	35.911	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.340	45	752825	36.827	ng/u1	99
16) Acetophenone	8.634	105	748561	38.492	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	395639	41.130	ng/u1	99
18) 4-Methylphenol	8.581	108	470836	36.463	ng/u1	96
19) Hexachloroethane	8.887	117	188356	35.713	ng/u1	97
22) Nitrobenzene	9.010	77	562401	36.367	ng/u1	100
23) Isophorone	9.540	82	1069467	39.936	ng/u1	98
25) 2-Nitrophenol	9.716	139	256407	35.447	ng/u1	97
26) 2,4-Dimethylphenol	9.781	107	393877	26.940	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.016	93	659734	37.866	ng/u1	100
29) 2,4-Dichlorophenol	10.251	162	454656	36.365	ng/u1	100
30) Naphthalene	10.651	128	1502242	36.117	ng/u1	99
32) 4-Chloroaniline	10.763	127	608795	33.696	ng/u1	99
33) Hexachlorobutadiene	10.934	225	304932	36.071	ng/u1	99
34) Caprolactam	11.551	113	181440m	49.999	ng/u1	
35) 4-Chloro-3-methylphenol	11.886	107	501979	40.890	ng/u1	99
36) 2-Methylnaphthalene	12.263	142	1118798	38.546	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	1097452	37.354	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	617060	36.424	ng/ul	100
40) Hexachlorocyclopentadiene	12.610	237	264493	23.925	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	381448	35.752	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	424311	37.264	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1491265	37.211	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	1169173	37.109	ng/ul	100
45) 2-Nitroaniline	13.522	65	357925	42.272	ng/ul	96
47) Dimethylphthalate	13.898	163	1515870	41.264	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	313598	44.305	ng/ul	96
50) Acenaphthylene	14.163	152	1741552	38.577	ng/ul	99
51) 3-Nitroaniline	14.351	138	316880	42.026	ng/ul	94
52) Acenaphthene	14.504	153	1286686	39.273	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	205177	44.095	ng/ul	98
55) 4-Nitrophenol	14.663	109	244061	42.948	ng/ul	99
56) Dibenzofuran	14.839	168	1793238	39.262	ng/ul	98
57) 2,4-Dinitrotoluene	14.810	165	438403	44.236	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.069	232	354060	38.411	ng/ul	99
59) Diethylphthalate	15.263	149	1536565	43.541	ng/ul	99
61) Fluorene	15.492	166	1544764	41.039	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	781193	41.673	ng/ul	97
63) 4-Nitroaniline	15.516	138	334464	46.582	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.574	198	261390	37.578	ng/ul	96
67) N-Nitrosodiphenylamine	15.698	169	1302902	40.014	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	465988	41.801	ng/ul	98
69) Hexachlorobenzene	16.492	284	531262	41.201	ng/ul	100
70) Atrazine	16.645	200	286119	24.774	ng/ul	98
71) Pentachlorophenol	16.833	266	301957	37.371	ng/ul	98
72) Phenanthrene	17.227	178	2359856	40.222	ng/ul	99
74) Anthracene	17.316	178	2324361	38.747	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	617837	35.456	ng/ul	99
76) Pentachlorobenzene	14.763	250	600982	36.206	ng/ul	99
77) Carbazole	17.586	167	2082030	38.705	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2517350	45.926	ng/ul	100
80) Fluoranthene	19.233	202	2589919	43.670	ng/ul	99
82) Pyrene	19.598	202	2690394	43.173	ng/ul	99
83) Butylbenzylphthalate	20.492	149	955609	46.586	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.268	252	696069	38.103	ng/ul	98
85) Benzo(a)anthracene	21.333	228	2271101	39.489	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.262	149	1356028	45.961	ng/ul	98
87) Chrysene	21.386	228	2191085	39.080	ng/ul	98
89) Di-n-octyl phthalate	22.145	149	2083676	49.500	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2129335	45.834	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	1945821	43.582	ng/ul	100
93) Benzo(a)pyrene	23.527	252	1776542	42.528	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.933	276	2187703	41.600	ng/ul	98
95) Dibenzo(a,h)anthracene	25.938	278	1839693	42.199	ng/ul	99
96) Benzo(g,h,i)perylene	26.633	276	1788075	40.753	ng/ul	99

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

