

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030740.D
 Acq On : 01 Jul 2021 13:10
 Operator : CG/JU
 Sample : PB137426BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS426

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:02:37 PM

Quant Time: Jul 01 13:40:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	78175	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	304366	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	176032	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	327252	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	346954	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	367055	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	12929	6.705	ng/uL	0.00
4) Pyridine-d5	3.675	84	146896	28.354	ng/u1	0.00
7) Phenol-d5	6.945	99	231527	34.340	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	146280	34.518	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	189020	36.321	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	171678	32.720	ng/u1	0.00
21) Nitrobenzene-d5	8.933	128	85200	37.513	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	92527	36.658	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.180	165	177422	36.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	207696	30.803	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	461723	37.987	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	608499	38.568	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	80881	35.125	ng/u1	0.00
60) Fluorene-d10	15.398	176	405119	37.579	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	72908	34.053	ng/u1	0.00
73) Anthracene-d10	17.239	188	564538	36.964	ng/u1	0.00
81) Pyrene-d10	19.533	212	636401	35.006	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	795806	41.702	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	32758	15.973	ng/uL	97
5) Pyridine	3.693	79	172465	30.925	ng/u1	96
6) Benzaldehyde	6.922	77	142674	43.522	ng/u1	95
8) Phenol	6.969	94	238158	34.935	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.204	93	180463	33.587	ng/u1	99
12) 2-Chlorophenol	7.339	128	188674	35.977	ng/u1	98
13) 2-Methylphenol	8.216	108	164440	33.287	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.304	45	291383	34.212	ng/u1	99
16) Acetophenone	8.598	105	280293	34.594	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.586	70	141805	35.383	ng/u1	98
18) 4-Methylphenol	8.545	108	180389	33.531	ng/u1	99
19) Hexachloroethane	8.845	117	77236	35.149	ng/u1	99
22) Nitrobenzene	8.975	77	218158	38.076	ng/u1	98
23) Isophorone	9.498	82	365592	36.847	ng/u1	99
25) 2-Nitrophenol	9.680	139	99439	37.104	ng/u1	96
26) 2,4-Dimethylphenol	9.739	107	136376	25.176	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.975	93	228638	35.419	ng/u1	99
29) 2,4-Dichlorophenol	10.210	162	172257	37.187	ng/u1	99
30) Naphthalene	10.610	128	562239	36.485	ng/u1	100
32) 4-Chloroaniline	10.722	127	208247	31.109	ng/u1	99
33) Hexachlorobutadiene	10.892	225	115201	36.781	ng/u1	98
34) Caprolactam	11.504	113	47732m	35.502	ng/u1	
35) 4-Chloro-3-methylphenol	11.845	107	173729	38.196	ng/u1	98
36) 2-Methylnaphthalene	12.221	142	390365	36.300	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	381407	35.039	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.592	216	210023	38.242	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	85429	23.838	ng/ul	99
41) 2,4,6-Trichlorophenol	12.833	196	126615	36.607	ng/ul	96
42) 2,4,5-Trichlorophenol	12.910	196	138804	37.603	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	499796	38.470	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	396296	38.800	ng/ul	99
45) 2-Nitroaniline	13.486	65	117075	42.652	ng/ul	99
47) Dimethylphthalate	13.863	163	468916	39.375	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	97234	42.375	ng/ul	96
50) Acenaphthylene	14.127	152	565358	38.631	ng/ul	100
51) 3-Nitroaniline	14.315	138	98132	40.147	ng/ul	99
52) Acenaphthene	14.468	153	413387	38.922	ng/ul	98
53) 2,4-Dinitrophenol	14.527	184	47174	31.273	ng/ul	99
55) 4-Nitrophenol	14.621	109	71735	38.940	ng/ul	97
56) Dibenzofuran	14.804	168	575875	38.894	ng/ul	97
57) 2,4-Dinitrotoluene	14.774	165	133495	41.551	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.033	232	105307	35.241	ng/ul	98
59) Diethylphthalate	15.227	149	446915	39.065	ng/ul	99
61) Fluorene	15.451	166	474537	38.889	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	237665	39.109	ng/ul	98
63) 4-Nitroaniline	15.474	138	102317	43.957	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.539	198	71973	34.543	ng/ul	99
67) N-Nitrosodiphenylamine	15.662	169	391208	40.110	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	137718	41.243	ng/ul	99
69) Hexachlorobenzene	16.456	284	156338	40.477	ng/ul	98
70) Atrazine	16.609	200	71332	20.620	ng/ul	98
71) Pentachlorophenol	16.798	266	76289	31.521	ng/ul	96
72) Phenanthrene	17.186	178	704319	40.077	ng/ul	100
74) Anthracene	17.274	178	683773	38.054	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	208921	40.027	ng/ul	99
76) Pentachlorobenzene	14.727	250	191002	38.416	ng/ul	99
77) Carbazole	17.545	167	628646	39.015	ng/ul	99
78) Di-n-butylphthalate	18.109	149	675601	41.149	ng/ul	99
80) Fluoranthene	19.198	202	786000	35.400	ng/ul	98
82) Pyrene	19.556	202	834380	35.764	ng/ul	99
83) Butylbenzylphthalate	20.456	149	292259	38.057	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	252662	36.943	ng/ul	97
85) Benzo(a)anthracene	21.297	228	853734	39.650	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	413260	37.414	ng/ul	99
87) Chrysene	21.350	228	848871	40.441	ng/ul	98
89) Di-n-octyl phthalate	22.103	149	737339	34.920	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	980867	42.091	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	940129	41.978	ng/ul	99
93) Benzo(a)pyrene	23.468	252	894347	42.682	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.850	276	1242853	47.115	ng/ul	99
95) Dibenzo(a,h)anthracene	25.856	278	1044277	47.754	ng/ul	98
96) Benzo(g,h,i)perylene	26.544	276	1015084	46.122	ng/ul	99

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

