

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030700.D
 Acq On : 30 Jun 2021 11:58
 Operator : CG/JU
 Sample : PB137399BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS399

Manual Integrations
 APPROVED

mohammad
 7/1/2021 8:07:06 AM

Quant Time: Jun 30 12:31:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 30 12:31:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	76104	20.00	ng/ul	0.00
20) Naphthalene-d8	10.563	136	312463	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	195943	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	420201	20.00	ng/ul	0.00
79) Chrysene-d12	21.321	240	513998	20.00	ng/ul	0.00
88) Perylene-d12	23.574	264	498111	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	12118	6.46	ng/uL	0.00
4) Pyridine-d5	3.681	84	146222	28.99	ng/ul	0.00
7) Phenol-d5	6.945	99	226799	34.55	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	143540	34.79	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	184349	36.39	ng/ul	0.00
15) 4-Methylphenol-d8	8.486	113	177630	34.78	ng/ul	0.00
21) Nitrobenzene-d5	8.933	128	87218	37.41	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	97269	37.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	185994	37.47	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	225314	32.55	ng/ul	0.00
46) Dimethylphthalate-d6	13.821	166	554057	40.95	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	690547	39.32	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	103543	40.40	ng/ul	0.00
60) Fluorene-d10	15.404	176	486085	40.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	88135	32.06	ng/ul	0.00
73) Anthracene-d10	17.245	188	729857	37.22	ng/ul	0.00
81) Pyrene-d10	19.533	212	907530	33.70	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	1088779	42.04	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	30179	15.12	ng/uL	93
5) Pyridine	3.699	79	168850	31.10	ng/ul	97
6) Benzaldehyde	6.928	77	135190	42.36	ng/ul	93
8) Phenol	6.975	94	236110	35.58	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.210	93	179882	34.39	ng/ul	98
12) 2-Chlorophenol	7.345	128	184656	36.17	ng/ul	97
13) 2-Methylphenol	8.222	108	168330	35.00	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	294360	35.50	ng/ul	99
16) Acetophenone	8.604	105	284896	36.12	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.586	70	146186	37.47	ng/ul	97
18) 4-Methylphenol	8.545	108	185764	35.47	ng/ul	94
19) Hexachloroethane	8.851	117	76263	35.65	ng/ul	96
22) Nitrobenzene	8.980	77	219230	37.27	ng/ul	100
23) Isophorone	9.504	82	399567	39.23	ng/ul	99
25) 2-Nitrophenol	9.686	139	104701	38.05	ng/ul	98
26) 2,4-Dimethylphenol	9.745	107	147414	26.51	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.980	93	243896	36.80	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	179804	37.81	ng/ul	98
30) Naphthalene	10.616	128	571532	36.13	ng/ul	100
32) 4-Chloroaniline	10.727	127	221714	32.26	ng/ul	100
33) Hexachlorobutadiene	10.898	225	117780	36.63	ng/ul	99
34) Caprolactam	11.510	113	57106m	41.37	ng/ul	
35) 4-Chloro-3-methylphenol	11.851	107	192661	41.26	ng/ul	99
36) 2-Methylnaphthalene	12.227	142	414598	37.55	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	400480	35.84	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.598	216	228640	37.40	ng/ul	99
40) Hexachlorocyclopentadiene	12.574	237	92986	23.31	ng/ul	98
41) 2,4,6-Trichlorophenol	12.839	196	145777	37.86	ng/ul	97
42) 2,4,5-Trichlorophenol	12.910	196	162304	39.50	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	544979	37.69	ng/ul	99
44) 2-Chloronaphthalene	13.286	162	431466	37.95	ng/ul	99
45) 2-Nitroaniline	13.492	65	136177	44.57	ng/ul	98
47) Dimethylphthalate	13.868	163	563947	42.54	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	116772	45.72	ng/ul	96
50) Acenaphthylene	14.133	152	633226	38.87	ng/ul	99
51) 3-Nitroaniline	14.321	138	119647	43.97	ng/ul	97
52) Acenaphthene	14.474	153	470063	39.76	ng/ul	100
53) 2,4-Dinitrophenol	14.527	184	53762	32.02	ng/ul	99
55) 4-Nitrophenol	14.627	109	90971	44.36	ng/ul	98
56) Dibenzofuran	14.810	168	667169	40.48	ng/ul	99
57) 2,4-Dinitrotoluene	14.780	165	169327	47.35	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.033	232	132710	39.90	ng/ul	98
59) Diethylphthalate	15.233	149	579332	45.49	ng/ul	98
61) Fluorene	15.457	166	565448	41.63	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	286964	42.42	ng/ul	97
63) 4-Nitroaniline	15.480	138	133478	51.52	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.539	198	87125	32.57	ng/ul	96
67) N-Nitrosodiphenylamine	15.662	169	481928	38.48	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	172294	40.18	ng/ul	98
69) Hexachlorobenzene	16.462	284	203337	41.00	ng/ul	98
70) Atrazine	16.615	200	96215	21.66	ng/ul	98
71) Pentachlorophenol	16.804	266	105305	33.88	ng/ul	98
72) Phenanthrene	17.192	178	904501	40.08	ng/ul	100
74) Anthracene	17.280	178	894109	38.75	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	226469	33.79	ng/uL	100
76) Pentachlorobenzene	14.727	250	224482	35.16	ng/uL	99
77) Carbazole	17.551	167	835516	40.38	ng/ul	99
78) Di-n-butylphthalate	18.109	149	1035247	49.11	ng/ul	99
80) Fluoranthene	19.203	202	1127016	34.26	ng/ul	98
82) Pyrene	19.562	202	1187486	34.36	ng/ul	100
83) Butylbenzylphthalate	20.462	149	505620	44.44	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	401006	39.58	ng/ul	97
85) Benzo(a)anthracene	21.303	228	1268273	39.76	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	791051	48.34	ng/ul	99
87) Chrysene	21.356	228	1244048	40.01	ng/ul	98
89) Di-n-octyl phthalate	22.115	149	1387935	48.44	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1403664	44.39	ng/ul	99
91) Benzo(k)fluoranthene	22.944	252	1318892	43.40	ng/ul	99
93) Benzo(a)pyrene	23.480	252	1197067	42.10	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.862	276	1475649	41.22	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	1259787	42.45	ng/ul	99
96) Benzo(g,h,i)perylene	26.562	276	1172700	39.26	ng/ul	98

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

