

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030710.D
 Acq On : 30 Jun 2021 18:12
 Operator : CG/JU
 Sample : PB137403BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS403

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:55:07 PM

Quant Time: Jul 01 00:58:04 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	94565	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	399803	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	262473	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	556491	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	598271	20.000	ng/u1	0.00
88) Perylene-d12	23.574	264	478571	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	14504	6.218	ng/uL	0.00
4) Pyridine-d5	3.675	84	174880	27.905	ng/u1	0.00
7) Phenol-d5	6.945	99	290500	35.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	181516	35.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	232189	36.883	ng/u1	0.00
15) 4-Methylphenol-d8	8.486	113	228981	36.078	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	112765	37.798	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	126114	38.038	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	241988	38.101	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	295279	33.338	ng/u1	0.00
46) Dimethylphthalate-d6	13.821	166	738215	40.733	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	922951	39.233	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	138644	40.381	ng/u1	0.00
60) Fluorene-d10	15.404	176	647741	40.297	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	130976	35.974	ng/u1	0.00
73) Anthracene-d10	17.245	188	970779	37.379	ng/u1	0.00
81) Pyrene-d10	19.539	212	1152550	36.766	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.433	264	1066677	42.871	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	37538	15.131	ng/uL	97
5) Pyridine	3.693	79	206069	30.546	ng/u1	95
6) Benzaldehyde	6.928	77	172727m	43.557	ng/u1	
8) Phenol	6.975	94	300716	36.466	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.210	93	225124	34.638	ng/u1	98
12) 2-Chlorophenol	7.345	128	232656	36.674	ng/u1	99
13) 2-Methylphenol	8.222	108	215391	36.044	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	374300	36.331	ng/u1	99
16) Acetophenone	8.604	105	370281	37.780	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.592	70	193275	39.867	ng/u1	98
18) 4-Methylphenol	8.551	108	239537	36.808	ng/u1	98
19) Hexachloroethane	8.851	117	93360	35.123	ng/u1	98
22) Nitrobenzene	8.981	77	285306	37.909	ng/u1	99
23) Isophorone	9.504	82	525181	40.296	ng/u1	99
25) 2-Nitrophenol	9.686	139	135278	38.427	ng/u1	99
26) 2,4-Dimethylphenol	9.745	107	187848	26.400	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.981	93	317305	37.421	ng/u1	99
29) 2,4-Dichlorophenol	10.216	162	235568	38.715	ng/u1	99
30) Naphthalene	10.616	128	741566	36.634	ng/u1	99
32) 4-Chloroaniline	10.728	127	291741	33.179	ng/u1	99
33) Hexachlorobutadiene	10.898	225	151062	36.717	ng/u1	99
34) Caprolactam	11.516	113	79596m	45.070	ng/u1	
35) 4-Chloro-3-methylphenol	11.851	107	258064	43.194	ng/u1	99
36) 2-Methylnaphthalene	12.227	142	545727	38.633	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	535860	37.477	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	297057	36.276	ng/ul	98
40) Hexachlorocyclopentadiene	12.574	237	134307	25.134	ng/ul	98
41) 2,4,6-Trichlorophenol	12.839	196	192869	37.398	ng/ul	98
42) 2,4,5-Trichlorophenol	12.910	196	213485	38.787	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	724420	37.396	ng/ul	100
44) 2-Chloronaphthalene	13.280	162	570742	37.476	ng/ul	99
45) 2-Nitroaniline	13.492	65	187424	45.794	ng/ul	98
47) Dimethylphthalate	13.868	163	751501	42.321	ng/ul	100
48) 2,6-Dinitrotoluene	13.992	165	157256	45.963	ng/ul	97
50) Acenaphthylene	14.133	152	854029	39.137	ng/ul	99
51) 3-Nitroaniline	14.321	138	159861	43.862	ng/ul	96
52) Acenaphthene	14.474	153	625652	39.508	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	86862	38.620	ng/ul	98
55) 4-Nitrophenol	14.627	109	122335	44.537	ng/ul	100
56) Dibenzofuran	14.810	168	891209	40.368	ng/ul	99
57) 2,4-Dinitrotoluene	14.780	165	229814	47.973	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.033	232	172816	38.787	ng/ul#	96
59) Diethylphthalate	15.233	149	762911	44.725	ng/ul	99
61) Fluorene	15.457	166	759156	41.724	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	381415	42.094	ng/ul	99
63) 4-Nitroaniline	15.480	138	175947	50.696	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.545	198	130426	36.811	ng/ul#	98
67) N-Nitrosodiphenylamine	15.663	169	641451	38.675	ng/ul	100
68) 4-Bromophenyl-phenylether	16.345	248	230466	40.587	ng/ul	97
69) Hexachlorobenzene	16.462	284	265185	40.376	ng/ul	99
70) Atrazine	16.615	200	132597	22.540	ng/ul	98
71) Pentachlorophenol	16.804	266	137375	33.378	ng/ul	99
72) Phenanthrene	17.192	178	1191828	39.881	ng/ul	99
74) Anthracene	17.280	178	1180810	38.645	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	299046	33.692	ng/uL	99
76) Pentachlorobenzene	14.727	250	297653	35.205	ng/uL	99
77) Carbazole	17.551	167	1087401	39.686	ng/ul	100
78) Di-n-butylphthalate	18.109	149	1326164	47.500	ng/ul	99
80) Fluoranthene	19.203	202	1434204	37.460	ng/ul	98
82) Pyrene	19.568	202	1501681	37.328	ng/ul	98
83) Butylbenzylphthalate	20.462	149	616349	46.544	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	446890	37.894	ng/ul	97
85) Benzo(a)anthracene	21.303	228	1484639	39.987	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	924391	48.534	ng/ul	98
87) Chrysene	21.356	228	1445868	39.947	ng/ul	99
89) Di-n-octyl phthalate	22.109	149	1555640	56.507	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1368766	45.049	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	1319589	45.192	ng/ul	99
93) Benzo(a)pyrene	23.480	252	1175486	43.027	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.862	276	1321205	38.415	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	1129090	39.601	ng/ul	98
96) Benzo(g,h,i)perylene	26.556	276	1024896	35.717	ng/ul	98

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

