

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
 Data File : BM030499.D
 Acq On : 21 Jun 2021 11:11
 Operator : CG/JU
 Sample : PB137167BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS167

Manual Integrations
 APPROVED

mohammad
 6/22/2021 8:16:05 AM

Quant Time: Jun 21 11:58:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 21 10:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	216034	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	811632	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	471313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	911620	20.000	ng/u1	0.00
79) Chrysene-d12	21.356	240	932037	20.000	ng/u1	0.00
88) Perylene-d12	23.633	264	890786	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	33086	5.848	ng/uL	0.00
4) Pyridine-d5	3.746	84	384205	25.844	ng/u1	0.00
7) Phenol-d5	6.998	99	606879	32.322	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	387722	31.995	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	507060	37.342	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	462158	30.820	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	226960	40.852	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	259341	47.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	487368	40.549	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	576637	31.383	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1274325	39.399	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1654441	40.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	226092	37.345	ng/u1	0.01
60) Fluorene-d10	15.439	176	1117125	38.579	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	218366	41.497	ng/u1	0.00
73) Anthracene-d10	17.286	188	1589788	38.342	ng/u1	0.00
81) Pyrene-d10	19.574	212	1784552	36.581	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1930519	43.462	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	81660	14.240	ng/uL	95
5) Pyridine	3.763	79	427737	27.254	ng/u1	88
6) Benzaldehyde	6.975	77	374949	42.609	ng/u1	94
8) Phenol	7.028	94	613885	32.281	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.251	93	488428	31.813	ng/u1	99
12) 2-Chlorophenol	7.393	128	502765	35.891	ng/u1	98
13) 2-Methylphenol	8.263	108	445461	31.501	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.351	45	758278	30.663	ng/u1	99
16) Acetophenone	8.645	105	736678	31.071	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.634	70	332637	28.865	ng/u1	97
18) 4-Methylphenol	8.593	108	475721	30.508	ng/u1	97
19) Hexachloroethane	8.898	117	215442	36.349	ng/u1	97
22) Nitrobenzene	9.022	77	558468	39.157	ng/u1	99
23) Isophorone	9.545	82	990437	37.980	ng/u1	99
25) 2-Nitrophenol	9.728	139	272291	44.548	ng/u1	99
26) 2,4-Dimethylphenol	9.787	107	389992	28.183	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	627222	36.125	ng/u1	98
29) 2,4-Dichlorophenol	10.263	162	460596	39.353	ng/u1	98
30) Naphthalene	10.663	128	1481890	36.020	ng/u1	100
32) 4-Chloroaniline	10.769	127	565902	30.770	ng/u1	97
33) Hexachlorobutadiene	10.945	225	311411	41.808	ng/u1	96
34) Caprolactam	11.551	113	165824m	44.247	ng/u1	
35) 4-Chloro-3-methylphenol	11.898	107	457717	38.428	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	1054275	36.021	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	1013623	34.120	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	575095	41.971	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	267935	30.946	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	363035	44.100	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	395019	44.052	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	1343310	39.119	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	1062184	40.081	ng/ul	99
45) 2-Nitroaniline	13.527	65	307223	46.374	ng/ul	100
47) Dimethylphthalate	13.904	163	1288046	40.765	ng/ul	100
48) 2,6-Dinitrotoluene	14.027	165	269521	47.600	ng/ul	93
50) Acenaphthylene	14.169	152	1512942	39.201	ng/ul	100
51) 3-Nitroaniline	14.357	138	269676	41.774	ng/ul	99
52) Acenaphthene	14.516	153	1113303	38.827	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	171987	45.517	ng/ul	98
55) 4-Nitrophenol	14.669	109	221710	46.742	ng/ul	92
56) Dibenzofuran	14.845	168	1532945	38.427	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	374733	46.795	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.074	232	316467	44.087	ng/ul	97
59) Diethylphthalate	15.269	149	1279871	41.047	ng/ul	99
61) Fluorene	15.498	166	1305113	38.966	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	661198	40.992	ng/ul	100
63) 4-Nitroaniline	15.521	138	286309	47.366	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.574	198	218572	41.890	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	1083455	40.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	392267	44.239	ng/ul	96
69) Hexachlorobenzene	16.498	284	442041	43.861	ng/ul	99
70) Atrazine	16.651	200	284789	29.549	ng/ul	99
71) Pentachlorophenol	16.839	266	276283	44.735	ng/ul	98
72) Phenanthrene	17.233	178	1956249	39.687	ng/ul	99
74) Anthracene	17.321	178	1935880	38.914	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	565679	43.126	ng/uL	98
76) Pentachlorobenzene	14.769	250	525040	41.563	ng/uL	99
77) Carbazole	17.592	167	1713580	38.783	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2152420	46.517	ng/ul	100
80) Fluoranthene	19.239	202	2246452	37.476	ng/ul	99
82) Pyrene	19.604	202	2347283	37.028	ng/ul	96
83) Butylbenzylphthalate	20.492	149	963925	48.447	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	752308	44.634	ng/ul	98
85) Benzo(a)anthracene	21.339	228	2309807	41.015	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.268	149	1507016	49.931	ng/ul	99
87) Chrysene	21.392	228	2229569	40.151	ng/ul	99
89) Di-n-octyl phthalate	22.150	149	2547922	44.409	ng/ul	100
90) Benzo(b)fluoranthene	22.950	252	2342429	40.910	ng/ul	97
91) Benzo(k)fluoranthene	22.992	252	2388858	43.677	ng/ul	98
93) Benzo(a)pyrene	23.539	252	2110924	42.178	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.950	276	2791987	45.327	ng/ul	97
95) Dibenzo(a,h)anthracene	25.962	278	2361178	45.529	ng/ul	97
96) Benzo(g,h,i)perylene	26.656	276	2277620	44.997	ng/ul	96

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

