

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
 Data File : BM038848.D
 Acq On : 02 Mar 2023 22:28
 Operator : CG/JU
 Sample : PB151126BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS126

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 03 00:17:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	230392	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	1057143	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	679855	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1464626	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1504705	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1735477	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33323	5.401	ng/uL	0.00
4) Pyridine-d5	3.799	84	479850	28.286	ng/u1	0.00
7) Phenol-d5	7.157	99	630526	29.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	388710	28.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	483255	30.025	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	485833	28.551	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	231583	31.205	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	226509	32.572	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	484330	29.972	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	705880	26.207	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1522511	28.914	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1780584	28.932	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	314645	29.849	ng/u1	0.00
60) Fluorene-d10	15.633	176	1348037	29.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	227075	29.822	ng/u1	0.00
73) Anthracene-d10	17.486	188	2141981	29.659	ng/u1	0.00
81) Pyrene-d10	19.774	212	2519061	30.438	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.862	264	2706282	30.944	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.416	88	65572	9.889	ng/uL	99
5) Pyridine	3.822	79	455227	24.927	ng/u1	98
6) Benzaldehyde	7.140	77	346561	33.129	ng/u1	99
8) Phenol	7.187	94	636677	27.540	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	500594	27.198	ng/u1	98
12) 2-Chlorophenol	7.569	128	475818	28.703	ng/u1	98
13) 2-Methylphenol	8.451	108	472005	27.313	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	616348	26.675	ng/u1	99
16) Acetophenone	8.834	105	797835	26.977	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	384055	28.274	ng/u1	100
18) 4-Methylphenol	8.781	108	524361	27.327	ng/u1	96
19) Hexachloroethane	9.098	117	188752	28.420	ng/u1	99
22) Nitrobenzene	9.216	77	567085	27.930	ng/u1	99
23) Isophorone	9.745	82	1098754	26.605	ng/u1	99
25) 2-Nitrophenol	9.934	139	249225	30.222	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	537364	26.523	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.234	93	679570	26.815	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	465487	28.416	ng/u1	98
30) Naphthalene	10.875	128	1639994	27.187	ng/u1	99
32) 4-Chloroaniline	10.981	127	661343	24.251	ng/u1	97
33) Hexachlorobutadiene	11.163	225	277577	27.234	ng/u1	98
34) Caprolactam	11.745	113	157782m	28.089	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	518872	28.018	ng/u1	99
36) 2-Methylnaphthalene	12.480	142	1080145	27.433	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	1114917	28.103	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.845	216	548569	26.975	ng/u1	97
40) Hexachlorocyclopentadiene	12.827	237	282452	25.744	ng/u1	97
41) 2,4,6-Trichlorophenol	13.080	196	369241	28.786	ng/u1	99
42) 2,4,5-Trichlorophenol	13.145	196	403302	28.568	ng/u1	98
43) 1,1'-Biphenyl	13.486	154	1463238	27.287	ng/u1	98
44) 2-Chloronaphthalene	13.527	162	1153506	27.273	ng/u1	99
45) 2-Nitroaniline	13.722	65	301924	31.633	ng/u1	98
47) Dimethylphthalate	14.104	163	1462172	27.400	ng/u1	99
48) 2,6-Dinitrotoluene	14.221	165	260294	30.825	ng/u1	96
50) Acenaphthylene	14.369	152	1886443	27.638	ng/u1	100
51) 3-Nitroaniline	14.545	138	297430	28.064	ng/u1	92
52) Acenaphthene	14.710	153	1282072	27.288	ng/u1	99
53) 2,4-Dinitrophenol	14.745	184	126880	26.430	ng/u1	95
55) 4-Nitrophenol	14.839	109	241276	28.656	ng/u1	100
56) Dibenzofuran	15.045	168	1807984	27.718	ng/u1	97
57) 2,4-Dinitrotoluene	14.998	165	406882	31.170	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	360625	29.341	ng/u1	97
59) Diethylphthalate	15.463	149	1502084	28.446	ng/u1	100
61) Fluorene	15.692	166	1515231	27.706	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.686	204	725698	27.486	ng/u1	99
63) 4-Nitroaniline	15.704	138	339146	30.939	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.757	198	221030	28.049	ng/u1	96
67) N-Nitrosodiphenylamine	15.898	169	1252795	28.281	ng/u1	100
68) 4-Bromophenyl-phenylether	16.580	248	417714	27.709	ng/u1	98
69) Hexachlorobenzene	16.692	284	508266	27.837	ng/u1	99
70) Atrazine	16.845	200	417537	27.862	ng/u1	99
71) Pentachlorophenol	17.033	266	306564	27.613	ng/u1	99
72) Phenanthrene	17.427	178	2388291	28.223	ng/u1	100
74) Anthracene	17.521	178	2451376	28.450	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	559057	27.085	ng/uL	99
76) Pentachlorobenzene	14.963	250	587741	27.712	ng/uL	100
77) Carbazole	17.786	167	2287315	28.587	ng/u1	100
78) Di-n-butylphthalate	18.362	149	2518795	30.942	ng/u1	100
80) Fluoranthene	19.439	202	2770548	29.108	ng/u1	98
82) Pyrene	19.803	202	3037593	29.103	ng/u1	97
83) Butylbenzylphthalate	20.703	149	1038850	37.458	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.480	252	811914	27.537	ng/u1	98
85) Benzo(a)anthracene	21.550	228	3024963	29.095	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1652279	35.837	ng/u1	99
87) Chrysene	21.603	228	2951083	29.026	ng/u1	100
89) Di-n-octyl phthalate	22.433	149	2611771	29.930	ng/u1	100
90) Benzo(b)fluoranthene	23.268	252	3204668	29.740	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	3258409	29.437	ng/u1	100
93) Benzo(a)pyrene	23.909	252	2946145	29.515	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.579	276	3847748	29.161	ng/u1	100
95) Dibenzo(a,h)anthracene	26.603	278	3232576	29.039	ng/u1	99
96) Benzo(g,h,i)perylene	27.368	276	3160943	29.257	ng/u1	98

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

