

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039482.D
 Acq On : 19 Apr 2023 06:29
 Operator : CG/JU
 Sample : PB152152BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 07:05:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 23:56:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	211948	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	989586	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	630980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1346008	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1121908	20.000	ng/u1	0.00
88) Perylene-d12	23.797	264	977048	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	30824m	5.582	ng/uL	0.00
4) Pyridine-d5	3.640	84	548061	35.324	ng/u1	0.00
7) Phenol-d5	7.016	99	606279	31.254	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	392293	30.596	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	477946	31.409	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	496024	31.743	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	244968	30.769	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	273314	30.573	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	494387	32.140	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	344460	14.993	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1543419	30.330	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	1756128	30.718	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	245852	31.923	ng/u1	0.00
60) Fluorene-d10	15.480	176	1275929	30.604	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	281814	31.506	ng/u1	0.00
73) Anthracene-d10	17.339	188	1996644	30.845	ng/u1	0.00
81) Pyrene-d10	19.633	212	2304351	30.910	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.644	264	1632946	30.956	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	74272	12.292	ng/uL	98
5) Pyridine	3.658	79	640096	39.127	ng/u1	99
6) Benzaldehyde	6.975	77	155060	18.710	ng/u1	99
8) Phenol	7.046	94	667667	33.058	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.257	93	535850	31.822	ng/u1	99
12) 2-Chlorophenol	7.393	128	510012	33.308	ng/u1	98
13) 2-Methylphenol	8.293	108	514716	32.811	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.363	45	758748m	32.441	ng/u1	
16) Acetophenone	8.663	105	841249	32.776	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.645	70	459536	32.349	ng/u1	98
18) 4-Methylphenol	8.628	108	569649	33.634	ng/u1	100
19) Hexachloroethane	8.904	117	222753	32.030	ng/u1	95
22) Nitrobenzene	9.045	77	644764	32.800	ng/u1	98
23) Isophorone	9.575	82	1318975	31.465	ng/u1	99
25) 2-Nitrophenol	9.757	139	304650	32.661	ng/u1	98
26) 2,4-Dimethylphenol	9.828	107	618942	32.471	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.057	93	771348	31.293	ng/u1	99
29) 2,4-Dichlorophenol	10.298	162	506338	33.416	ng/u1	99
30) Naphthalene	10.686	128	1733846	31.667	ng/u1	99
32) 4-Chloroaniline	10.816	127	394053	17.407	ng/u1	99
33) Hexachlorobutadiene	10.963	225	310230	31.071	ng/u1	99
34) Caprolactam	11.604	113	190658m	33.788	ng/u1	
35) 4-Chloro-3-methylphenol	11.957	107	595038	33.634	ng/u1	98
36) 2-Methylnaphthalene	12.304	142	1158294	31.557	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	1207383	32.733	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	593573	31.340	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	326613	28.944	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	396000	31.297	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	443915	33.756	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	1555071	31.890	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1226457	32.063	ng/ul	100
45) 2-Nitroaniline	13.580	65	399889	36.226	ng/ul	99
47) Dimethylphthalate	13.951	163	1622303	32.199	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	342628	33.624	ng/ul	98
50) Acenaphthylene	14.210	152	1970679	32.226	ng/ul	100
51) 3-Nitroaniline	14.410	138	331127	34.670	ng/ul	99
52) Acenaphthene	14.551	153	1349809	32.060	ng/ul	100
53) 2,4-Dinitrophenol	14.621	184	179233	33.044	ng/ul	99
55) 4-Nitrophenol	14.739	109	204994	35.043	ng/ul	94
56) Dibenzofuran	14.886	168	1845027	32.241	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	489603	34.580	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.121	232	364278	30.947	ng/ul	99
59) Diethylphthalate	15.316	149	1702858	32.604	ng/ul	100
61) Fluorene	15.539	166	1542084	32.575	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	758229	32.315	ng/ul	98
63) 4-Nitroaniline	15.580	138	276176	37.708	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.633	198	290123	33.737	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	1210954	30.196	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	461175	31.723	ng/ul	99
69) Hexachlorobenzene	16.539	284	540856	32.384	ng/ul	97
71) Pentachlorophenol	16.892	266	285363	29.229	ng/ul	99
72) Phenanthrene	17.280	178	2427422	32.484	ng/ul	100
74) Anthracene	17.374	178	2436273	32.498	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	607915	30.326	ng/uL	99
76) Pentachlorobenzene	14.804	250	623553	31.602	ng/uL	100
77) Carbazole	17.651	167	2128135	31.946	ng/ul	100
78) Di-n-butylphthalate	18.210	149	3075818	32.644	ng/ul	99
80) Fluoranthene	19.304	202	2873108	32.880	ng/ul	98
82) Pyrene	19.668	202	2968968	32.821	ng/ul	97
83) Butylbenzylphthalate	20.562	149	1380012	32.319	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.350	252	375713	15.102	ng/ul	98
85) Benzo(a)anthracene	21.415	228	2659882	32.779	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	2028697	31.948	ng/ul	100
87) Chrysene	21.468	228	2500224	32.301	ng/ul	100
89) Di-n-octyl phthalate	22.250	149	3250229	33.109	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	2405471	34.990	ng/ul	100
91) Benzo(k)fluoranthene	23.127	252	2276916	33.724	ng/ul	99
93) Benzo(a)pyrene	23.697	252	1959548	33.816	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.250	276	2251269	35.320	ng/ul	99
95) Dibenzo(a,h)anthracene	26.268	278	1892476	35.810	ng/ul	99
96) Benzo(g,h,i)perylene	27.003	276	1810550	35.658	ng/ul	100

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

