

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
 Data File : BM045809.D
 Acq On : 03 Jun 2024 17:48
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020110

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 18:22:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	216310	20.000	ng/u1	0.00
20) Naphthalene-d8	10.233	136	937557	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	590829	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	1121261	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	776981	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	781171	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	47464	8.507	ng/uL	0.00
4) Pyridine-d5	3.469	84	288326	20.071	ng/u1	0.00
7) Phenol-d5	6.722	99	391347	21.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	297230	22.525	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	288356	21.007	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	304001	21.897	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	152109	20.750	ng/u1	0.00
24) 2-Nitrophenol-d4	9.339	143	150861	20.334	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	295334	21.228	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	411619	21.378	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	857296	20.959	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1002729	21.111	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	176981	20.049	ng/u1	0.00
60) Fluorene-d10	15.110	176	749178	21.470	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	81995	14.321	ng/u1	0.00
73) Anthracene-d10	16.957	188	1051433	21.571	ng/u1	0.00
81) Pyrene-d10	19.251	212	1072002	22.186	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	768361	21.045	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.087	88	52171	8.449	ng/uL	93
5) Pyridine	3.487	79	297968	20.197	ng/u1	98
6) Benzaldehyde	6.640	77	196900	22.781	ng/u1	93
8) Phenol	6.745	94	407634	21.389	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.922	93	343076	21.567	ng/u1	98
12) 2-Chlorophenol	7.063	128	313076	21.650	ng/u1	100
13) 2-Methylphenol	7.969	108	299616	21.470	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.004	45	718439	22.931	ng/u1	98
16) Acetophenone	8.304	105	525769	22.723	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.292	70	299323	23.411	ng/u1	96
18) 4-Methylphenol	8.298	108	328838	22.773	ng/u1	98
19) Hexachloroethane	8.534	117	146266	21.059	ng/u1	94
22) Nitrobenzene	8.669	77	443322	21.609	ng/u1	98
23) Isophorone	9.204	82	794521	21.918	ng/u1	99
25) 2-Nitrophenol	9.375	139	173291	21.368	ng/u1	97
26) 2,4-Dimethylphenol	9.475	107	358178	21.770	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.686	93	473772	21.527	ng/u1	100
29) 2,4-Dichlorophenol	9.916	162	294490	21.246	ng/u1	99
30) Naphthalene	10.281	128	1066554	21.333	ng/u1	100
32) 4-Chloroaniline	10.439	127	405587	21.549	ng/u1	98
33) Hexachlorobutadiene	10.581	225	190949	20.110	ng/u1	98
34) Caprolactam	11.280	113	79668m	20.407	ng/u1	
35) 4-Chloro-3-methylphenol	11.592	107	332614	22.118	ng/u1	98
36) 2-Methylnaphthalene	11.904	142	709195	21.419	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.127	142	711854	21.504	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.275	216	358290	20.248	ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	200673	18.686	ng/ul	99
41) 2,4,6-Trichlorophenol	12.551	196	214811	20.866	ng/ul	96
42) 2,4,5-Trichlorophenol	12.633	196	232815	20.840	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	924705	21.095	ng/ul	100
44) 2-Chloronaphthalene	12.974	162	707831	20.606	ng/ul	98
45) 2-Nitroaniline	13.222	65	262653	22.392	ng/ul	99
47) Dimethylphthalate	13.610	163	876648	21.107	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	170263	21.309	ng/ul	88
50) Acenaphthylene	13.827	152	1174013	21.356	ng/ul	99
51) 3-Nitroaniline	14.063	138	153972	20.986	ng/ul	97
52) Acenaphthene	14.174	153	791801	21.584	ng/ul	98
53) 2,4-Dinitrophenol	14.251	184	28391	7.804	ng/ul	97
55) 4-Nitrophenol	14.421	109	152867	20.990	ng/ul	95
56) Dibenzofuran	14.516	168	1062262	21.473	ng/ul	99
57) 2,4-Dinitrotoluene	14.504	165	238143	21.543	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.763	232	177670	21.048	ng/ul	94
59) Diethylphthalate	14.974	149	893044	21.474	ng/ul	100
61) Fluorene	15.163	166	874641	21.943	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.168	204	420554	21.257	ng/ul	96
63) 4-Nitroaniline	15.239	138	122246	20.066	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.263	198	92942	14.790	ng/ul	94
67) N-Nitrosodiphenylamine	15.392	169	698891	21.995	ng/ul	99
68) 4-Bromophenyl-phenylether	16.063	248	249878	21.375	ng/ul	97
69) Hexachlorobenzene	16.162	284	274428	21.227	ng/ul	99
70) Atrazine	16.362	200	187800	19.498	ng/ul	98
71) Pentachlorophenol	16.533	266	112531	17.155	ng/ul	95
72) Phenanthrene	16.898	178	1263417	21.385	ng/ul	100
74) Anthracene	16.986	178	1281674	21.719	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.898	216	349580	20.103	ng/uL	99
76) Pentachlorobenzene	14.427	250	342828	21.078	ng/uL	96
77) Carbazole	17.280	167	1087295	21.593	ng/ul	99
78) Di-n-butylphthalate	17.851	149	1393052	21.037	ng/ul	100
80) Fluoranthene	18.921	202	1331141	22.724	ng/ul	100
82) Pyrene	19.280	202	1345024	22.348	ng/ul	97
83) Butylbenzylphthalate	20.215	149	527756	21.516	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.003	252	307750	20.052	ng/ul	100
85) Benzo(a)anthracene	21.050	228	1128135	21.028	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	758155	20.804	ng/ul	100
87) Chrysene	21.109	228	1037029	20.895	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1174858	19.665	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	991269	20.649	ng/ul	100
91) Benzo(k)fluoranthene	22.991	252	1011624	21.575	ng/ul	97
93) Benzo(a)pyrene	23.662	252	882155	20.912	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.791	276	926737	20.117	ng/ul	99
95) Dibenzo(a,h)anthracene	26.838	278	713700	19.587	ng/ul	99
96) Benzo(g,h,i)perylene	27.726	276	827404	20.392	ng/ul	100

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

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