

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082224\
 Data File : BG062559.D
 Acq On : 23 Aug 2024 4:13
 Operator : MA/JU
 Sample : SSTDCCC040EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040472

Quant Time: Aug 23 11:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	101306	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	471077	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.558	164	352955	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.301	188	742926	20.000	ng/u1	0.00
79) Chrysene-d12	21.548	240	665470	20.000	ng/u1	0.00
88) Perylene-d12	24.632	264	757107	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	18632	6.983	ng/uL	0.00
4) Pyridine-d5	3.808	84	146845	18.060	ng/u1	0.00
7) Phenol-d5	7.103	99	191744	19.026	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	115223	18.150	ng/u1	0.00
11) 2-Chlorophenol-d4	7.473	132	139573	20.274	ng/u1	0.00
15) 4-Methylphenol-d8	8.642	113	159908	18.929	ng/u1	0.00
21) Nitrobenzene-d5	9.089	128	72674	24.056	ng/u1	0.00
24) 2-Nitrophenol-d4	9.811	143	81144	27.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	163990	21.424	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	213001	17.547	ng/u1	0.00
46) Dimethylphthalate-d6	13.964	166	491882	17.916	ng/u1	0.00
49) Acenaphthylene-d8	14.252	160	557856	18.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	80352	18.346	ng/u1	0.00
60) Fluorene-d10	15.550	176	445253	17.981	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	87358	25.880	ng/u1	0.00
73) Anthracene-d10	17.401	188	665200	18.639	ng/u1	0.00
81) Pyrene-d10	19.686	212	753132	19.324	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.421	264	752003	18.716	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.437	88	23901	8.392	ng/uL	91
5) Pyridine	3.825	79	156106	18.247	ng/u1	93
6) Benzaldehyde	7.074	77	116638	22.325	ng/u1	97
8) Phenol	7.127	94	201415	19.046	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.362	93	143826	18.380	ng/u1	96
12) 2-Chlorophenol	7.503	128	144210	20.251	ng/u1	99
13) 2-Methylphenol	8.378	108	154328	19.393	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.454	45	308278	19.087	ng/u1	96
16) Acetophenone	8.754	105	245306	17.727	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.742	70	129991	17.801	ng/u1	98
18) 4-Methylphenol	8.707	108	172778	18.956	ng/u1	100
19) Hexachloroethane	9.018	117	57426	20.268	ng/u1	96
22) Nitrobenzene	9.130	77	185731	21.765	ng/u1	98
23) Isophorone	9.658	82	356055	17.668	ng/u1	99
25) 2-Nitrophenol	9.841	139	88432	26.339	ng/u1	99
26) 2,4-Dimethylphenol	9.905	107	170333	18.604	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.134	93	210489	18.778	ng/u1	98
29) 2,4-Dichlorophenol	10.375	162	162802	20.712	ng/u1	99
30) Naphthalene	10.780	128	509738	18.657	ng/u1	100
32) 4-Chloroaniline	10.886	127	207244	17.561	ng/u1	97
33) Hexachlorobutadiene	11.068	225	114690	19.195	ng/u1	98
34) Caprolactam	11.650	113	63339m	19.979	ng/u1	
35) 4-Chloro-3-methylphenol	12.008	107	181806	19.767	ng/u1	99
36) 2-Methylnaphthalene	12.384	142	362568	18.791	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.602	142	365771	18.580	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.754	216	227011	19.260	ng/ul	94
40) Hexachlorocyclopentadiene	12.737	237	160114	26.502	ng/ul	99
41) 2,4,6-Trichlorophenol	12.989	196	143373	21.146	ng/ul	99
42) 2,4,5-Trichlorophenol	13.066	196	157200	22.084	ng/ul	95
43) 1,1'-Biphenyl	13.395	154	505725	18.913	ng/ul	99
44) 2-Chloronaphthalene	13.436	162	396931	19.183	ng/ul	100
45) 2-Nitroaniline	13.635	65	130835	24.413	ng/ul	98
47) Dimethylphthalate	14.011	163	499605	17.949	ng/ul	99
48) 2,6-Dinitrotoluene	14.129	165	98185	24.698	ng/ul#	89
50) Acenaphthylene	14.282	152	600186	18.441	ng/ul	98
51) 3-Nitroaniline	14.458	138	95847	21.161	ng/ul	98
52) Acenaphthene	14.622	153	447941	18.390	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	60558	24.150	ng/ul	93
55) 4-Nitrophenol	14.769	109	70121	18.652	ng/ul	96
56) Dibenzofuran	14.957	168	631001	18.416	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	144650	23.904	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.180	232	141041	20.608	ng/ul	96
59) Diethylphthalate	15.380	149	500611	18.022	ng/ul	98
61) Fluorene	15.609	166	480900	17.807	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.597	204	250066	18.019	ng/ul	98
63) 4-Nitroaniline	15.621	138	93909	19.835	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.680	198	94726	24.906	ng/ul#	97
67) N-Nitrosodiphenylamine	15.809	169	424493	19.710	ng/ul	98
68) 4-Bromophenyl-phenylether	16.490	248	170158	20.408	ng/ul	97
69) Hexachlorobenzene	16.608	284	188950	19.452	ng/ul	98
70) Atrazine	16.761	200	166926	18.588	ng/ul	99
71) Pentachlorophenol	16.954	266	120406	21.241	ng/ul	99
72) Phenanthrene	17.342	178	771771	18.487	ng/ul	99
74) Anthracene	17.436	178	791242	18.503	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.359	216	229842	21.642	ng/ul	98
76) Pentachlorobenzene	14.881	250	231797	20.807	ng/ul	100
77) Carbazole	17.700	167	637841	17.757	ng/ul	99
78) Di-n-butylphthalate	18.264	149	798097	18.572	ng/ul	99
80) Fluoranthene	19.351	202	857417	19.693	ng/ul	98
82) Pyrene	19.715	202	909377	19.378	ng/ul	99
83) Butylbenzylphthalate	20.608	149	339596	21.484	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.448	252	293244	20.190	ng/ul	97
85) Benzo(a)anthracene	21.531	228	907105	18.780	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.448	149	490199	21.225	ng/ul	100
87) Chrysene	21.595	228	855753	18.688	ng/ul	98
89) Di-n-octyl phthalate	22.617	149	847606	20.992	ng/ul	100
90) Benzo(b)fluoranthene	23.657	252	863062	18.870	ng/ul	100
91) Benzo(k)fluoranthene	23.722	252	861032	18.651	ng/ul	99
93) Benzo(a)pyrene	24.485	252	797558	18.497	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.104	276	1013793	18.499	ng/ul	98
95) Dibenzo(a,h)anthracene	28.169	278	824901	18.570	ng/ul	98
96) Benzo(g,h,i)perylene	29.191	276	768183	18.226	ng/ul	98

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

