

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081722\
 Data File : BG054645.D
 Acq On : 17 Aug 2022 18:15
 Operator : CG/JU
 Sample : SST08039
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST080439

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 18 02:25:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 02:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.166	152	41465	20.000	ng/u1	0.00
20) Naphthalene-d8	10.993	136	168904	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.800	164	106805	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.544	188	241402	20.000	ng/u1	0.00
79) Chrysene-d12	21.845	240	217859	20.000	ng/u1	0.00
88) Perylene-d12	25.229	264	227496	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.513	96	36813m	42.242	ng/uL	0.00
4) Pyridine-d5	3.942	84	264242	111.478	ng/u1	0.00
7) Phenol-d5	7.309	99	297840	100.263	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.485	67	184037	102.703	ng/u1	0.00
11) 2-Chlorophenol-d4	7.696	132	214577	90.582	ng/u1	0.00
15) 4-Methylphenol-d8	8.872	113	224278	88.547	ng/u1	0.01
21) Nitrobenzene-d5	9.342	128	101306	80.806	ng/u1	0.00
24) 2-Nitrophenol-d4	10.064	143	97842	73.451	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.605	165	218974	74.300	ng/u1	0.00
31) 4-Chloroaniline-d4	11.122	131	296847	79.729	ng/u1	0.00
46) Dimethylphthalate-d6	14.201	166	618927	73.662	ng/u1	0.00
49) Acenaphthylene-d8	14.494	160	727475	79.623	ng/u1	0.00
54) 4-Nitrophenol-d4	14.976	143	107915	93.800	ng/u1	0.01
60) Fluorene-d10	15.787	176	552460	73.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.899	200	78161	59.354	ng/u1	0.01
73) Anthracene-d10	17.650	188	835341	76.622	ng/u1	0.00
81) Pyrene-d10	19.923	212	926240	81.542	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.006	264	968991	84.382	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.554	88	39701m	41.747	ng/uL	
5) Pyridine	3.960	79	259658	105.629	ng/u1	99
6) Benzaldehyde	7.297	77	137826	91.112	ng/u1	96
8) Phenol	7.332	94	294206	94.917	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.579	93	232878	99.187	ng/u1	95
12) 2-Chlorophenol	7.726	128	225129	93.083	ng/u1	99
13) 2-Methylphenol	8.601	108	226520	94.145	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.695	45	379451	108.802	ng/u1	98
16) Acetophenone	9.001	105	335701	85.699	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.989	70	183874	92.082	ng/u1	99
18) 4-Methylphenol	8.936	108	233646	90.774	ng/u1	95
19) Hexachloroethane	9.259	117	91583	89.361	ng/u1	94
22) Nitrobenzene	9.383	77	251578	84.247	ng/u1	95
23) Isophorone	9.912	82	515159	88.977	ng/u1	98
25) 2-Nitrophenol	10.100	139	113662	81.374	ng/u1	99
26) 2,4-Dimethylphenol	10.147	107	252897	82.916	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.387	93	306766	94.117	ng/u1	98
29) 2,4-Dichlorophenol	10.628	162	207705	70.475	ng/u1	98
30) Naphthalene	11.045	128	706704	84.346	ng/u1	98
32) 4-Chloroaniline	11.145	127	302821	82.019	ng/u1	97
33) Hexachlorobutadiene	11.322	225	151182	52.517	ng/u1	98
34) Caprolactam	11.927	113	73060m	83.070	ng/u1	
35) 4-Chloro-3-methylphenol	12.256	107	231316	81.615	ng/u1	100
36) 2-Methylnaphthalene	12.638	142	482520	77.849	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.855	142	475843	76.982	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.996	216	267373	61.588	ng/ul	99
40) Hexachlorocyclopentadiene	12.979	237	179426	73.693	ng/ul	99
41) 2,4,6-Trichlorophenol	13.231	196	176130	78.169	ng/ul	99
42) 2,4,5-Trichlorophenol	13.302	196	186464	73.202	ng/ul	96
43) 1,1'-Biphenyl	13.637	154	623880	84.279	ng/ul	98
44) 2-Chloronaphthalene	13.684	162	474753	77.228	ng/ul	96
45) 2-Nitroaniline	13.883	65	145321	93.965	ng/ul	94
47) Dimethylphthalate	14.248	163	606798	75.137	ng/ul	99
48) 2,6-Dinitrotoluene	14.371	165	121880	75.041	ng/ul	98
50) Acenaphthylene	14.524	152	785336	83.713	ng/ul	97
51) 3-Nitroaniline	14.700	138	114283	86.678	ng/ul#	98
52) Acenaphthene	14.865	153	536278	85.604	ng/ul	98
53) 2,4-Dinitrophenol	14.900	184	56016	74.447	ng/ul	98
55) 4-Nitrophenol	14.994	109	85712	76.001	ng/ul	98
56) Dibenzofuran	15.199	168	717618	74.866	ng/ul	97
57) 2,4-Dinitrotoluene	15.152	165	166071	70.489	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.417	232	158800	71.744	ng/ul	96
59) Diethylphthalate	15.611	149	617769	78.017	ng/ul	98
61) Fluorene	15.846	166	580125	74.310	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.834	204	300686	60.575	ng/ul	98
63) 4-Nitroaniline	15.863	138	105028	82.843	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.916	198	83828	66.315	ng/ul#	94
67) N-Nitrosodiphenylamine	16.046	169	535841	90.794	ng/ul	98
68) 4-Bromophenyl-phenylether	16.727	248	209642	69.915	ng/ul	99
69) Hexachlorobenzene	16.845	284	231315	65.819	ng/ul	97
70) Atrazine	16.991	200	205469	70.882	ng/ul	99
71) Pentachlorophenol	17.185	266	140033	94.006	ng/ul	95
72) Phenanthrene	17.591	178	960234	80.288	ng/ul	97
74) Anthracene	17.679	178	944783	78.384	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.601	216	287934	70.029	ng/uL	99
76) Pentachlorobenzene	15.111	250	270993	71.661	ng/uL	98
77) Carbazole	17.943	167	867540	87.299	ng/ul	96
78) Di-n-butylphthalate	18.501	149	1037030	91.658	ng/ul	98
80) Fluoranthene	19.588	202	1159891	91.470	ng/ul	96
82) Pyrene	19.953	202	1107658	87.859	ng/ul	96
83) Butylbenzylphthalate	20.834	149	452871	119.197	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.733	252	392367	87.029	ng/ul	96
85) Benzo(a)anthracene	21.827	228	1099686	81.892	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.727	149	656765	118.297	ng/ul	98
87) Chrysene	21.897	228	1061617	82.406	ng/ul	96
89) Di-n-octyl phthalate	23.002	149	1116254	114.250	ng/ul	100
90) Benzo(b)fluoranthene	24.148	252	1221299	86.941	ng/ul	98
91) Benzo(k)fluoranthene	24.224	252	1103582	82.047	ng/ul	99
93) Benzo(a)pyrene	25.082	252	1156821	85.490	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.130	276	1394779	85.673	ng/ul	98
95) Dibenzo(a,h)anthracene	29.212	278	1158517	84.557	ng/ul	100
96) Benzo(g,h,i)perylene	30.358	276	1170836	85.177	ng/ul	100

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

