

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058937.D
 Acq On : 9 Sep 2023 4:37
 Operator : MA/JU
 Sample : PB155272BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS272

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/10/2023

Quant Time: Sep 09 05:17:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 00:11:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	42141	20.000	ng/u1	0.00
20) Naphthalene-d8	11.178	136	201168	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.956	164	192993	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.706	188	529271	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	415884	20.000	ng/u1	0.00
88) Perylene-d12	25.602	264	485024	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	6580	7.489	ng/uL	0.00
4) Pyridine-d5	4.075	84	107769	35.725	ng/u1	0.00
7) Phenol-d5	7.441	99	178089	42.608	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.653	67	98645	41.719	ng/u1	0.00
11) 2-Chlorophenol-d4	7.847	132	109857	44.063	ng/u1	0.00
15) 4-Methylphenol-d8	9.016	113	133964	41.354	ng/u1	0.00
21) Nitrobenzene-d5	9.527	128	52907	44.650	ng/u1	0.00
24) 2-Nitrophenol-d4	10.244	143	67245	51.805	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.773	165	163201	43.336	ng/u1	0.00
31) 4-Chloroaniline-d4	11.319	131	188733	39.069	ng/u1	0.00
46) Dimethylphthalate-d6	14.357	166	598973	40.205	ng/u1	0.00
49) Acenaphthylene-d8	14.662	160	623469	38.717	ng/u1	0.00
54) 4-Nitrophenol-d4	15.120	143	91805	46.642	ng/u1	0.00
60) Fluorene-d10	15.943	176	552466	39.346	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.049	200	109938	45.624	ng/u1	0.00
73) Anthracene-d10	17.806	188	937512	38.940	ng/u1	0.00
81) Pyrene-d10	20.073	212	1003147	41.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.356	264	1003891	42.017	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.681	88	17165m	16.042	ng/uL	
5) Pyridine	4.092	79	114148	35.946	ng/u1#	77
6) Benzaldehyde	7.471	77	99431	40.358	ng/u1	91
8) Phenol	7.465	94	196149	45.001	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.747	93	137601	42.566	ng/u1	96
12) 2-Chlorophenol	7.882	128	117060	46.567	ng/u1	96
13) 2-Methylphenol	8.746	108	146371	44.849	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.845	45	148920	40.027	ng/u1#	91
16) Acetophenone	9.175	105	254450	44.053	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.145	70	134087	44.385	ng/u1	96
18) 4-Methylphenol	9.080	108	161030	45.089	ng/u1	94
19) Hexachloroethane	9.421	117	45877	44.714	ng/u1	94
22) Nitrobenzene	9.574	77	185962	45.887	ng/u1	98
23) Isophorone	10.085	82	406341	40.187	ng/u1	98
25) 2-Nitrophenol	10.279	139	70874	50.619	ng/u1#	75
26) 2,4-Dimethylphenol	10.303	107	177515	40.779	ng/u1#	87
27) Bis(2-Chloroethoxy)met...	10.567	93	213577	40.788	ng/u1	93
29) 2,4-Dichlorophenol	10.796	162	158217	44.323	ng/u1	92
30) Naphthalene	11.231	128	441512	40.628	ng/u1	98
32) 4-Chloroaniline	11.343	127	169484	36.991	ng/u1	89
33) Hexachlorobutadiene	11.460	225	142620	40.796	ng/u1	95
34) Caprolactam	12.124	113	61367m	51.968	ng/u1	
35) 4-Chloro-3-methylphenol	12.406	107	194680	46.418	ng/u1	96
36) 2-Methylnaphthalene	12.806	142	336509	40.905	ng/u1	96

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37) 1-Methylnaphthalene	13.023	142	328788	39.074	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.146	216	274660	38.141	ng/ul	97
40) Hexachlorocyclopentadiene	13.105	237	177456	34.240	ng/ul	95
41) 2,4,6-Trichlorophenol	13.387	196	182411	43.590	ng/ul	98
42) 2,4,5-Trichlorophenol	13.452	196	207374	46.221	ng/ul	96
43) 1,1'-Biphenyl	13.799	154	526559	40.098	ng/ul	98
44) 2-Chloronaphthalene	13.845	162	422015	40.296	ng/ul	99
45) 2-Nitroaniline	14.063	65	136291	58.856	ng/ul	97
47) Dimethylphthalate	14.404	163	641215	42.332	ng/ul	99
48) 2,6-Dinitrotoluene	14.539	165	117584	54.693	ng/ul#	95
50) Acenaphthylene	14.692	152	688251	38.300	ng/ul	98
51) 3-Nitroaniline	14.880	138	109424	50.510	ng/ul	98
52) Acenaphthene	15.021	153	466649	39.885	ng/ul	96
53) 2,4-Dinitrophenol	15.068	184	82788	45.521	ng/ul#	81
55) 4-Nitrophenol	15.144	109	119600	48.582	ng/ul	89
56) Dibenzofuran	15.355	168	715533	40.968	ng/ul	97
57) 2,4-Dinitrotoluene	15.320	165	171370	55.257	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.561	232	213131	44.961	ng/ul#	98
59) Diethylphthalate	15.749	149	584776	42.955	ng/ul	98
61) Fluorene	16.002	166	607482	40.968	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.984	204	361156	40.600	ng/ul	91
63) 4-Nitroaniline	16.043	138	109004	54.076	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.066	198	118759	46.945	ng/ul#	94
67) N-Nitrosodiphenylamine	16.202	169	541991	41.640	ng/ul	100
68) 4-Bromophenyl-phenylether	16.883	248	269191	41.885	ng/ul	93
69) Hexachlorobenzene	16.971	284	303683	40.948	ng/ul	94
70) Atrazine	17.136	200	162860	31.165	ng/ul	91
71) Pentachlorophenol	17.324	266	184493	40.505	ng/ul	94
72) Phenanthrene	17.747	178	1043061	40.595	ng/ul	98
74) Anthracene	17.841	178	1076887	41.050	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.752	216	31814	4.139	ng/uL	96
76) Pentachlorobenzene	15.244	250	335339	43.293	ng/uL	98
77) Carbazole	18.117	167	842382	42.306	ng/ul	99
78) Di-n-butylphthalate	18.634	149	877393	49.016	ng/ul#	96
80) Fluoranthene	19.739	202	1277103	43.568	ng/ul	99
82) Pyrene	20.103	202	1279331	43.572	ng/ul	99
83) Butylbenzylphthalate	20.972	149	294205	57.790	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.924	252	409288	45.056	ng/ul	99
85) Benzo(a)anthracene	22.012	228	1177013	41.569	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.866	149	430059	54.152	ng/ul	94
87) Chrysene	22.083	228	1119068	42.190	ng/ul	96
89) Di-n-octyl phthalate	23.211	149	737215	48.670	ng/ul	100
90) Benzo(b)fluoranthene	24.451	252	1287784	44.089	ng/ul	99
91) Benzo(k)fluoranthene	24.533	252	1249137	42.502	ng/ul	99
93) Benzo(a)pyrene	25.438	252	1122376	41.067	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.745	276	1508124m	44.262	ng/ul	
95) Dibenzo(a,h)anthracene	29.844	278	1251054m	45.152	ng/ul	
96) Benzo(g,h,i)perylene	31.072	276	1205675	44.569	ng/ul#	98

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

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