

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
 Data File : BG058438.D
 Acq On : 25 Jul 2023 1:42
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020538

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 03:47:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	43032	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	204889	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.464	164	156725	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.208	188	393706	20.000	ng/u1	0.00
79) Chrysene-d12	21.450	240	338113	20.000	ng/u1	0.00
88) Perylene-d12	24.517	264	422973	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.236	96	11328m	9.689	ng/uL	0.00
4) Pyridine-d5	3.653	84	75278	21.692	ng/u1	0.00
7) Phenol-d5	6.985	99	83939	20.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.143	67	56417	22.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.349	132	64647	22.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.530	113	68261	21.923	ng/u1	0.00
21) Nitrobenzene-d5	8.976	128	33078	21.539	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	38553	22.995	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	73403	22.838	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	103557	22.226	ng/u1	0.00
46) Dimethylphthalate-d6	13.871	166	267893	22.167	ng/u1	0.00
49) Acenaphthylene-d8	14.159	160	291440	23.011	ng/u1	0.00
54) 4-Nitrophenol-d4	14.676	143	35492m	19.446	ng/u1	0.00
60) Fluorene-d10	15.457	176	232056	23.192	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	44486	22.178	ng/u1	0.00
73) Anthracene-d10	17.308	188	391077	22.989	ng/u1	0.00
81) Pyrene-d10	19.599	212	459266	22.998	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.306	264	452573	22.138	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.271	88	12961	9.773	ng/uL	96
5) Pyridine	3.671	79	78744	21.487	ng/u1	96
6) Benzaldehyde	6.955	77	24373m	14.784	ng/u1	
8) Phenol	7.014	94	87776	20.705	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.237	93	71352	21.971	ng/u1	99
12) 2-Chlorophenol	7.378	128	65944	22.047	ng/u1	99
13) 2-Methylphenol	8.266	108	70060	21.204	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.348	45	125749	23.628	ng/u1	96
16) Acetophenone	8.642	105	119387	22.514	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.618	70	67583	23.287	ng/u1	98
18) 4-Methylphenol	8.595	108	79283	22.080	ng/u1	96
19) Hexachloroethane	8.894	117	27643	23.446	ng/u1	92
22) Nitrobenzene	9.024	77	86190	21.045	ng/u1	97
23) Isophorone	9.541	82	205254	22.354	ng/u1	100
25) 2-Nitrophenol	9.734	139	39265	21.925	ng/u1	93
26) 2,4-Dimethylphenol	9.793	107	89693	22.462	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.028	93	109978	22.616	ng/u1	98
29) 2,4-Dichlorophenol	10.269	162	70375	23.070	ng/u1	97
30) Naphthalene	10.669	128	249433	22.776	ng/u1	98
32) 4-Chloroaniline	10.780	127	104120	21.864	ng/u1	97
33) Hexachlorobutadiene	10.951	225	50586	23.191	ng/u1	97
34) Caprolactam	11.532	113	30602m	24.153	ng/u1	
35) 4-Chloro-3-methylphenol	11.908	107	88278	22.739	ng/u1	99
36) 2-Methylnaphthalene	12.284	142	168637	22.984	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.502	142	173052	23.012	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.655	216	101342	22.337	ng/ul	99
40) Hexachlorocyclopentadiene	12.625	237	42892	17.578	ng/ul	99
41) 2,4,6-Trichlorophenol	12.895	196	70375	22.914	ng/ul	97
42) 2,4,5-Trichlorophenol	12.972	196	75324	23.000	ng/ul	99
43) 1,1'-Biphenyl	13.295	154	236534	22.319	ng/ul	97
44) 2-Chloronaphthalene	13.336	162	189527	22.493	ng/ul	99
45) 2-Nitroaniline	13.548	65	65440	22.359	ng/ul	98
47) Dimethylphthalate	13.918	163	270463	22.280	ng/ul	98
48) 2,6-Dinitrotoluene	14.041	165	56898	24.255	ng/ul	98
50) Acenaphthylene	14.188	152	311632	22.795	ng/ul	99
51) 3-Nitroaniline	14.370	138	33026	16.894	ng/ul	90
52) Acenaphthene	14.529	153	216996	22.861	ng/ul	98
53) 2,4-Dinitrophenol	14.588	184	23288	18.654	ng/ul	96
55) 4-Nitrophenol	14.687	109	32121	22.851	ng/ul	92
56) Dibenzofuran	14.864	168	310571	22.979	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	82049	24.251	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.093	232	70869	23.422	ng/ul#	98
59) Diethylphthalate	15.281	149	286891	22.941	ng/ul	98
61) Fluorene	15.510	166	257241	23.209	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	136320	23.168	ng/ul	99
63) 4-Nitroaniline	15.539	138	29241m	16.531	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	45625	22.108	ng/ul	97
67) N-Nitrosodiphenylamine	15.716	169	220952	22.640	ng/ul	98
68) 4-Bromophenyl-phenylether	16.397	248	94835	22.741	ng/ul	96
69) Hexachlorobenzene	16.515	284	108425	23.042	ng/ul	97
70) Atrazine	16.667	200	89795	23.468	ng/ul	96
71) Pentachlorophenol	16.861	266	49522m	18.749	ng/ul	
72) Phenanthrene	17.249	178	427813	22.866	ng/ul	98
74) Anthracene	17.343	178	431903	22.994	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.260	216	107613	21.791	ng/uL	96
76) Pentachlorobenzene	14.781	250	120195	22.257	ng/uL	98
77) Carbazole	17.613	167	386099	23.713	ng/ul	99
78) Di-n-butylphthalate	18.166	149	504265	24.373	ng/ul	99
80) Fluoranthene	19.264	202	529831	23.159	ng/ul	100
82) Pyrene	19.629	202	535505	23.101	ng/ul	99
83) Butylbenzylphthalate	20.516	149	220513	24.158	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.350	252	150404	19.927	ng/ul	98
85) Benzo(a)anthracene	21.427	228	515923	22.702	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.338	149	327694	25.240	ng/ul	100
87) Chrysene	21.491	228	487413	22.611	ng/ul	98
89) Di-n-octyl phthalate	22.484	149	577664	25.668	ng/ul	100
90) Benzo(b)fluoranthene	23.542	252	538274	21.995	ng/ul	98
91) Benzo(k)fluoranthene	23.606	252	547360	22.425	ng/ul	99
93) Benzo(a)pyrene	24.376	252	481005	22.098	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.013	276	639192	22.288	ng/ul	99
95) Dibenzo(a,h)anthracene	28.066	278	522788	22.230	ng/ul	99
96) Benzo(g,h,i)perylene	29.094	276	531270	22.737	ng/ul	97

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

