

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057945.D
 Acq On : 3 Jul 2023 8:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020488

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 01:00:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	32087	20.000	ng/u1	0.00
20) Naphthalene-d8	10.733	136	149768	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	112016	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.307	188	294139	20.000	ng/u1	0.00
79) Chrysene-d12	21.561	240	264798	20.000	ng/u1	0.00
88) Perylene-d12	24.716	264	317475	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	7550	8.239	ng/uL	0.00
4) Pyridine-d5	3.776	84	55644	20.002	ng/u1	0.00
7) Phenol-d5	7.090	99	64994	19.834	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.254	67	39921	20.216	ng/u1	0.00
11) 2-Chlorophenol-d4	7.460	132	44431	19.659	ng/u1	0.00
15) 4-Methylphenol-d8	8.635	113	49058	19.841	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	24036	19.691	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	25264	19.693	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	48445	19.685	ng/u1	0.00
31) 4-Chloroaniline-d4	10.868	131	79876	21.407	ng/u1	0.00
46) Dimethylphthalate-d6	13.970	166	174589	19.754	ng/u1	0.00
49) Acenaphthylene-d8	14.258	160	189763	19.676	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	30031	19.232	ng/u1	0.00
60) Fluorene-d10	15.556	176	152640	20.336	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	26335	16.488	ng/u1	0.00
73) Anthracene-d10	17.407	188	260721	19.102	ng/u1	0.00
81) Pyrene-d10	19.693	212	319236	19.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.499	264	301120	18.617	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.400	88	8800	7.774	ng/uL	94
5) Pyridine	3.794	79	57549	20.190	ng/u1	99
6) Benzaldehyde	7.066	77	13562	12.393	ng/u1	95
8) Phenol	7.119	94	67001	20.149	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.348	93	52014	20.258	ng/u1	99
12) 2-Chlorophenol	7.495	128	46792	19.896	ng/u1	98
13) 2-Methylphenol	8.371	108	51673	19.786	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.459	45	78984	19.984	ng/u1#	96
16) Acetophenone	8.753	105	85545	20.853	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.729	70	45027	20.532	ng/u1	97
18) 4-Methylphenol	8.700	108	57136	20.233	ng/u1	97
19) Hexachloroethane	9.011	117	18203	20.190	ng/u1	93
22) Nitrobenzene	9.134	77	63540	20.051	ng/u1	100
23) Isophorone	9.652	82	135215	19.997	ng/u1	99
25) 2-Nitrophenol	9.845	139	26879	19.525	ng/u1	97
26) 2,4-Dimethylphenol	9.904	107	62524	20.198	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.139	93	75513	19.818	ng/u1	97
29) 2,4-Dichlorophenol	10.380	162	47648	19.913	ng/u1	91
30) Naphthalene	10.786	128	168983	20.077	ng/u1	99
32) 4-Chloroaniline	10.891	127	81889	21.463	ng/u1	98
33) Hexachlorobutadiene	11.068	225	34028	20.087	ng/u1	92
34) Caprolactam	11.649	113	20925m	21.751	ng/u1	
35) 4-Chloro-3-methylphenol	12.013	107	60032	20.423	ng/u1	99
36) 2-Methylnaphthalene	12.390	142	114311	20.148	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	117248	20.608	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.760	216	66084	19.359	ng/ul	99
40) Hexachlorocyclopentadiene	12.736	237	37326	17.360	ng/ul	95
41) 2,4,6-Trichlorophenol	13.001	196	43975	19.007	ng/ul	97
42) 2,4,5-Trichlorophenol	13.071	196	49468	19.770	ng/ul	97
43) 1,1'-Biphenyl	13.400	154	157761	19.543	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	126506	19.527	ng/ul	98
45) 2-Nitroaniline	13.641	65	44588	19.795	ng/ul	96
47) Dimethylphthalate	14.017	163	178110	20.059	ng/ul	98
48) 2,6-Dinitrotoluene	14.135	165	35822	19.654	ng/ul	91
50) Acenaphthylene	14.287	152	205494	19.731	ng/ul	100
51) 3-Nitroaniline	14.464	138	25961	16.855	ng/ul	100
52) Acenaphthene	14.628	153	143028	20.013	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	15305	16.107	ng/ul	97
55) 4-Nitrophenol	14.775	109	22362	19.332	ng/ul	84
56) Dibenzofuran	14.963	168	204188	20.099	ng/ul	98
57) 2,4-Dinitrotoluene	14.922	165	52939	20.500	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.186	232	45449	19.953	ng/ul	96
59) Diethylphthalate	15.380	149	188505	20.340	ng/ul	99
61) Fluorene	15.609	166	171167	20.534	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.603	204	88925	20.162	ng/ul	99
63) 4-Nitroaniline	15.627	138	20604	14.932	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.686	198	28800	17.632	ng/ul	99
67) N-Nitrosodiphenylamine	15.815	169	145207	18.550	ng/ul	97
68) 4-Bromophenyl-phenylether	16.496	248	61016	18.898	ng/ul	97
69) Hexachlorobenzene	16.614	284	68518	18.954	ng/ul	98
70) Atrazine	16.761	200	61142	19.100	ng/ul	93
71) Pentachlorophenol	16.961	266	37697	17.370	ng/ul	100
72) Phenanthrene	17.348	178	290884	19.442	ng/ul	100
74) Anthracene	17.442	178	294603	19.458	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.365	216	69077	17.708	ng/uL	99
76) Pentachlorobenzene	14.881	250	76627	18.392	ng/uL	95
77) Carbazole	17.713	167	282489	20.630	ng/ul	99
78) Di-n-butylphthalate	18.265	149	344003	19.721	ng/ul	99
80) Fluoranthene	19.358	202	366486	18.965	ng/ul	99
82) Pyrene	19.722	202	374378	19.246	ng/ul	99
83) Butylbenzylphthalate	20.609	149	147440	18.692	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.461	252	122544	19.116	ng/ul	98
85) Benzo(a)anthracene	21.544	228	362573	19.070	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.449	149	211409	18.703	ng/ul	98
87) Chrysene	21.608	228	338607	18.998	ng/ul	98
89) Di-n-octyl phthalate	22.636	149	371637	19.052	ng/ul	100
90) Benzo(b)fluoranthene	23.712	252	377082	19.183	ng/ul	99
91) Benzo(k)fluoranthene	23.776	252	351048	18.220	ng/ul	100
93) Benzo(a)pyrene	24.563	252	327866	18.844	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.306	276	429536	18.591	ng/ul	99
95) Dibenzo(a,h)anthracene	28.365	278	358479	18.816	ng/ul	99
96) Benzo(g,h,i)perylene	29.422	276	349113	18.500	ng/ul	97

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

