

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070123\
 Data File : BG057940.D
 Acq On : 1 Jul 2023 13:15
 Operator : CG/JU
 Sample : SSTD04089
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040438

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 07:38:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:09:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	41898	20.000	ng/u1	0.00
20) Naphthalene-d8	10.732	136	189221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	132594	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.307	188	321955	20.000	ng/u1	0.00
79) Chrysene-d12	21.560	240	276643	20.000	ng/u1	0.00
88) Perylene-d12	24.716	264	329808	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	18659	15.594	ng/uL	0.00
4) Pyridine-d5	3.775	84	143295	39.448	ng/u1	0.00
7) Phenol-d5	7.095	99	169148	39.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	102284	39.667	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	118308	40.089	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	127240	39.410	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	63191	40.974	ng/u1	0.00
24) 2-Nitrophenol-d4	9.815	143	68932	42.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	127455	40.990	ng/u1	0.00
31) 4-Chloroaniline-d4	10.867	131	185240	39.293	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	407430	38.944	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	452335	39.622	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	75020	40.587	ng/u1	0.00
60) Fluorene-d10	15.556	176	346694	39.021	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	71121	40.682	ng/u1	0.00
73) Anthracene-d10	17.407	188	579278	38.775	ng/u1	0.00
81) Pyrene-d10	19.692	212	673576	38.660	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.498	264	667284	39.712	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	21670	14.660	ng/uL	99
5) Pyridine	3.793	79	148923	40.013	ng/u1	98
6) Benzaldehyde	7.066	77	82927	58.033	ng/u1	96
8) Phenol	7.119	94	170722	39.318	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.348	93	131328	39.172	ng/u1	99
12) 2-Chlorophenol	7.495	128	122858	40.006	ng/u1	97
13) 2-Methylphenol	8.370	108	135347	39.690	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.452	45	203344	39.402	ng/u1	96
16) Acetophenone	8.752	105	212859	39.737	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.740	70	112564	39.309	ng/u1	99
18) 4-Methylphenol	8.699	108	146421	39.709	ng/u1	98
19) Hexachloroethane	9.010	117	47001	39.923	ng/u1	91
22) Nitrobenzene	9.134	77	160577	40.108	ng/u1	97
23) Isophorone	9.657	82	336205	39.355	ng/u1	99
25) 2-Nitrophenol	9.845	139	72524	41.698	ng/u1	95
26) 2,4-Dimethylphenol	9.904	107	156361	39.980	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.139	93	188713	39.201	ng/u1	99
29) 2,4-Dichlorophenol	10.379	162	122187	40.416	ng/u1	96
30) Naphthalene	10.785	128	418902	39.393	ng/u1	98
32) 4-Chloroaniline	10.891	127	188078	39.017	ng/u1	100
33) Hexachlorobutadiene	11.067	225	84044	39.267	ng/u1	98
34) Caprolactam	11.654	113	48146m	39.835	ng/u1	
35) 4-Chloro-3-methylphenol	12.019	107	149734	40.319	ng/u1	98
36) 2-Methylnaphthalene	12.389	142	283596	39.563	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.612	142	283226	39.401	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.759	216	159859	39.562	ng/ul	98
40) Hexachlorocyclopentadiene	12.736	237	101915	40.043	ng/ul	100
41) 2,4,6-Trichlorophenol	13.000	196	110677	40.413	ng/ul	96
42) 2,4,5-Trichlorophenol	13.070	196	120434	40.662	ng/ul	100
43) 1,1'-Biphenyl	13.399	154	374032	39.144	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	301196	39.275	ng/ul	99
45) 2-Nitroaniline	13.646	65	110239	41.345	ng/ul	94
47) Dimethylphthalate	14.016	163	410779	39.082	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	88298	40.927	ng/ul	97
50) Acenaphthylene	14.287	152	485138	39.352	ng/ul	97
51) 3-Nitroaniline	14.469	138	80362	44.077	ng/ul	100
52) Acenaphthene	14.627	153	330465	39.064	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	45876	40.787	ng/ul	98
55) 4-Nitrophenol	14.780	109	55448	40.495	ng/ul	91
56) Dibenzofuran	14.962	168	469736	39.062	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	125338	41.003	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.191	232	109866	40.748	ng/ul	97
59) Diethylphthalate	15.379	149	428160	39.029	ng/ul	100
61) Fluorene	15.615	166	384121	38.930	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.603	204	202416	38.771	ng/ul	100
63) 4-Nitroaniline	15.632	138	77687	47.856	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.691	198	74564	41.707	ng/ul	98
67) N-Nitrosodiphenylamine	15.814	169	334470	39.036	ng/ul	99
68) 4-Bromophenyl-phenylether	16.496	248	140086	39.639	ng/ul	99
69) Hexachlorobenzene	16.613	284	156570	39.570	ng/ul	98
70) Atrazine	16.766	200	141768	40.461	ng/ul	94
71) Pentachlorophenol	16.954	266	97050	40.856	ng/ul	98
72) Phenanthrene	17.354	178	634869	38.766	ng/ul	99
74) Anthracene	17.442	178	642176	38.749	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.364	216	170915	40.028	ng/uL	98
76) Pentachlorobenzene	14.886	250	179698	39.405	ng/uL	98
77) Carbazole	17.712	167	608575	40.603	ng/ul	98
78) Di-n-butylphthalate	18.270	149	752920	39.435	ng/ul	100
80) Fluoranthene	19.363	202	775463	38.410	ng/ul	99
82) Pyrene	19.721	202	775157	38.143	ng/ul	97
83) Butylbenzylphthalate	20.609	149	326265	39.592	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.461	252	280745	41.919	ng/ul	96
85) Benzo(a)anthracene	21.543	228	764918	38.509	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.449	149	456717	38.674	ng/ul	98
87) Chrysene	21.607	228	729955	39.202	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	823525	40.640	ng/ul	100
90) Benzo(b)fluoranthene	23.717	252	789976	38.685	ng/ul	99
91) Benzo(k)fluoranthene	23.781	252	791493	39.543	ng/ul	99
93) Benzo(a)pyrene	24.575	252	710825	39.327	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.317	276	952121	39.669	ng/ul	99
95) Dibenzo(a,h)anthracene	28.376	278	778376	39.328	ng/ul	100
96) Benzo(g,h,i)perylene	29.445	276	768505	39.201	ng/ul	97

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

