

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070123\
 Data File : BG057939.D
 Acq On : 1 Jul 2023 12:33
 Operator : CG/JU
 Sample : SSTD02088
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020437

Quant Time: Jul 02 07:36:52 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	38424	20.000	ng/u1	0.00
20) Naphthalene-d8	10.732	136	176133	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	125840	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.307	188	311625	20.000	ng/u1	0.00
79) Chrysene-d12	21.561	240	264290	20.000	ng/u1	0.00
88) Perylene-d12	24.716	264	316907	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	9754	8.889	ng/uL	0.00
4) Pyridine-d5	3.776	84	74428	22.342	ng/u1	0.00
7) Phenol-d5	7.089	99	87430	22.281	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	52959	22.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	61325	22.659	ng/u1	0.00
15) 4-Methylphenol-d8	8.635	113	66581	22.487	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	33074	23.039	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	35087	23.256	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	66012	22.807	ng/u1	0.00
31) 4-Chloroaniline-d4	10.867	131	103643	23.618	ng/u1	0.00
46) Dimethylphthalate-d6	13.970	166	228979	23.062	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	246542	22.755	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	40298	22.972	ng/u1	0.00
60) Fluorene-d10	15.556	176	194722	23.092	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	36245	21.420	ng/u1	0.00
73) Anthracene-d10	17.407	188	330069	22.826	ng/u1	0.00
81) Pyrene-d10	19.692	212	381325	22.909	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.498	264	360346	22.318	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	12535	9.247	ng/uL	100
5) Pyridine	3.793	79	77492	22.703	ng/u1	100
6) Benzaldehyde	7.072	77	17068	13.024	ng/u1	100
8) Phenol	7.119	94	90441	22.712	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.348	93	70541	22.943	ng/u1	100
12) 2-Chlorophenol	7.495	128	62799	22.298	ng/u1	100
13) 2-Methylphenol	8.370	108	70515	22.548	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.458	45	106816	22.569	ng/u1	100
16) Acetophenone	8.752	105	114616	23.332	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.729	70	60496	23.036	ng/u1	100
18) 4-Methylphenol	8.699	108	76904	22.742	ng/u1	100
19) Hexachloroethane	9.011	117	24326	22.531	ng/u1	100
22) Nitrobenzene	9.134	77	85157	22.851	ng/u1	100
23) Isophorone	9.651	82	182004	22.888	ng/u1	100
25) 2-Nitrophenol	9.845	139	37392	23.096	ng/u1	100
26) 2,4-Dimethylphenol	9.904	107	84107	23.103	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.139	93	102050	22.774	ng/u1	100
29) 2,4-Dichlorophenol	10.380	162	65230	23.180	ng/u1	100
30) Naphthalene	10.785	128	225396	22.771	ng/u1	100
32) 4-Chloroaniline	10.891	127	105642	23.544	ng/u1	100
33) Hexachlorobutadiene	11.067	225	44463	22.318	ng/u1	100
34) Caprolactam	11.655	113	26992m	23.992	ng/u1	
35) 4-Chloro-3-methylphenol	12.013	107	79805	23.086	ng/u1	100
36) 2-Methylnaphthalene	12.389	142	154898	23.215	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.612	142	154517	23.093	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.759	216	86545	22.568	ng/ul	100
40) Hexachlorocyclopentadiene	12.736	237	52617	21.783	ng/ul	100
41) 2,4,6-Trichlorophenol	13.000	196	59858	23.030	ng/ul	100
42) 2,4,5-Trichlorophenol	13.071	196	65225	23.204	ng/ul	100
43) 1,1'-Biphenyl	13.400	154	206412	22.761	ng/ul	100
44) 2-Chloronaphthalene	13.441	162	164054	22.540	ng/ul	100
45) 2-Nitroaniline	13.640	65	58355	23.061	ng/ul	100
47) Dimethylphthalate	14.017	163	229989	23.056	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	47474	23.186	ng/ul	100
50) Acenaphthylene	14.287	152	269388	23.024	ng/ul	100
51) 3-Nitroaniline	14.463	138	33295	19.242	ng/ul	100
52) Acenaphthene	14.628	153	184838	23.022	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	22566	21.140	ng/ul	100
55) 4-Nitrophenol	14.774	109	29131	22.417	ng/ul	100
56) Dibenzofuran	14.962	168	263926	23.125	ng/ul	100
57) 2,4-Dinitrotoluene	14.921	165	67997	23.439	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.186	232	59463	23.238	ng/ul	100
59) Diethylphthalate	15.380	149	238500	22.907	ng/ul	100
61) Fluorene	15.609	166	216906	23.163	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.603	204	114224	23.053	ng/ul	100
63) 4-Nitroaniline	15.626	138	28472	18.480	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.685	198	38172	22.059	ng/ul	100
67) N-Nitrosodiphenylamine	15.814	169	189096	22.801	ng/ul	100
68) 4-Bromophenyl-phenylether	16.496	248	77615	22.690	ng/ul	100
69) Hexachlorobenzene	16.613	284	87481	22.842	ng/ul	100
70) Atrazine	16.760	200	78200	23.058	ng/ul	100
71) Pentachlorophenol	16.954	266	49694	21.613	ng/ul	100
72) Phenanthrene	17.348	178	363061	22.904	ng/ul	100
74) Anthracene	17.442	178	367973	22.940	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.364	216	91675	22.182	ng/uL	100
76) Pentachlorobenzene	14.880	250	98956	22.419	ng/uL	100
77) Carbazole	17.712	167	342954	23.640	ng/ul	100
78) Di-n-butylphthalate	18.265	149	426545	23.081	ng/ul	100
80) Fluoranthene	19.357	202	445958	23.122	ng/ul	100
82) Pyrene	19.722	202	450595	23.209	ng/ul	100
83) Butylbenzylphthalate	20.609	149	178878	22.721	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.461	252	149846	23.420	ng/ul	100
85) Benzo(a)anthracene	21.543	228	427857	22.547	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.449	149	258890	22.947	ng/ul	100
87) Chrysene	21.608	228	403702	22.694	ng/ul	100
89) Di-n-octyl phthalate	22.636	149	453320	23.281	ng/ul	100
90) Benzo(b)fluoranthene	23.711	252	447936	22.828	ng/ul	100
91) Benzo(k)fluoranthene	23.776	252	426356	22.168	ng/ul	100
93) Benzo(a)pyrene	24.569	252	389396	22.421	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.306	276	515978	22.373	ng/ul	100
95) Dibenzo(a,h)anthracene	28.370	278	425877	22.394	ng/ul	100
96) Benzo(g,h,i)perylene	29.428	276	416378	22.104	ng/ul	100

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

