

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
 Data File : BG058080.D
 Acq On : 7 Jul 2023 18:19
 Operator : CG/JU
 Sample : 03284-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGZ6MS

Quant Time: Jul 07 19:34:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 05 23:20:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	33431	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	161693	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.553	164	118441	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.302	188	283487	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	250375	20.000	ng/u1	0.00
88) Perylene-d12	24.711	264	318323	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.354	96	5074	5.315	ng/uL	0.00
4) Pyridine-d5	3.765	84	37839	13.055	ng/u1	0.00
7) Phenol-d5	7.079	99	33071	9.686	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.244	67	89510	43.505	ng/u1	0.00
11) 2-Chlorophenol-d4	7.449	132	80173	34.048	ng/u1	0.00
15) 4-Methylphenol-d8	8.624	113	60383	23.439	ng/u1	0.00
21) Nitrobenzene-d5	9.077	128	58097	44.084	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	61469	44.380	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	108880	40.978	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	144095	35.769	ng/u1	0.00
46) Dimethylphthalate-d6	13.959	166	443195	47.425	ng/u1	0.00
49) Acenaphthylene-d8	14.247	160	466994	45.794	ng/u1	0.00
54) 4-Nitrophenol-d4	14.758	143	17037m	10.319	ng/u1	0.00
60) Fluorene-d10	15.546	176	374393	47.174	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	75758	49.215	ng/u1	0.00
73) Anthracene-d10	17.402	188	604903	45.984	ng/u1	0.00
81) Pyrene-d10	19.688	212	726187	46.052	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.494	264	778574	48.007	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	6970	5.910	ng/uL	92
5) Pyridine	3.789	79	38606	13.000	ng/u1	96
6) Benzaldehyde	7.056	77	86311	75.699	ng/u1	95
8) Phenol	7.108	94	35560	10.264	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.338	93	109467	40.921	ng/u1	98
12) 2-Chlorophenol	7.484	128	77855	31.773	ng/u1	97
13) 2-Methylphenol	8.360	108	70324	25.845	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.442	45	180707	43.884	ng/u1	97
16) Acetophenone	8.736	105	193233	45.210	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.718	70	103489	45.293	ng/u1	98
18) 4-Methylphenol	8.689	108	69318	23.560	ng/u1	94
19) Hexachloroethane	8.994	117	32499	34.597	ng/u1	96
22) Nitrobenzene	9.124	77	142101	41.536	ng/u1	98
23) Isophorone	9.641	82	311527	42.674	ng/u1	98
25) 2-Nitrophenol	9.835	139	63157	42.495	ng/u1	98
26) 2,4-Dimethylphenol	9.893	107	88992	26.628	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.123	93	173293	42.126	ng/u1	98
29) 2,4-Dichlorophenol	10.369	162	98790	38.240	ng/u1	91
30) Naphthalene	10.775	128	356812	39.267	ng/u1	99
32) 4-Chloroaniline	10.880	127	132631	32.199	ng/u1	99
33) Hexachlorobutadiene	11.051	225	68333	37.362	ng/u1	91
34) Caprolactam	11.638	113	7430	7.154	ng/u1	93
35) 4-Chloro-3-methylphenol	12.003	107	121491	38.284	ng/u1	96
36) 2-Methylnaphthalene	12.379	142	258140	42.142	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.602	142	263829	42.951	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.749	216	153942	42.650	ng/ul	100
40) Hexachlorocyclopentadiene	12.725	237	62560	27.517	ng/ul	99
41) 2,4,6-Trichlorophenol	12.990	196	108121	44.197	ng/ul	95
42) 2,4,5-Trichlorophenol	13.060	196	114036	43.103	ng/ul	99
43) 1,1'-Biphenyl	13.389	154	357594	41.895	ng/ul	99
44) 2-Chloronaphthalene	13.430	162	286540	41.829	ng/ul	100
45) 2-Nitroaniline	13.636	65	111507	46.818	ng/ul	98
47) Dimethylphthalate	14.006	163	408224	43.480	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	89309	46.342	ng/ul	94
50) Acenaphthylene	14.276	152	467600	42.462	ng/ul	98
51) 3-Nitroaniline	14.459	138	82360	50.570	ng/ul	96
52) Acenaphthene	14.617	153	326779	43.244	ng/ul	97
53) 2,4-Dinitrophenol	14.670	184	46503	46.285	ng/ul	95
55) 4-Nitrophenol	14.770	109	12760	10.432	ng/ul	87
56) Dibenzofuran	14.952	168	468619	43.626	ng/ul	98
57) 2,4-Dinitrotoluene	14.917	165	126388	46.288	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.181	232	109228	45.352	ng/ul	99
59) Diethylphthalate	15.369	149	425568	43.428	ng/ul	100
61) Fluorene	15.604	166	382306	43.376	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	206531	44.286	ng/ul	99
63) 4-Nitroaniline	15.628	138	79796	54.694	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.681	198	74297	47.197	ng/ul	97
67) N-Nitrosodiphenylamine	15.810	169	334099	44.284	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	147457	47.386	ng/ul	100
69) Hexachlorobenzene	16.603	284	163300	46.872	ng/ul	97
70) Atrazine	16.756	200	108224	35.079	ng/ul	97
71) Pentachlorophenol	16.950	266	90672	43.350	ng/ul	97
72) Phenanthrene	17.343	178	635008	44.036	ng/ul	100
74) Anthracene	17.437	178	628426	43.065	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.354	216	161303	42.903	ng/uL	96
76) Pentachlorobenzene	14.876	250	184356	45.913	ng/uL	98
77) Carbazole	17.702	167	593457	44.968	ng/ul	99
78) Di-n-butylphthalate	18.260	149	752918	44.786	ng/ul	100
80) Fluoranthene	19.353	202	776711	42.508	ng/ul	100
82) Pyrene	19.717	202	770020	41.866	ng/ul	99
83) Butylbenzylphthalate	20.598	149	332379	44.565	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.456	252	281640	46.465	ng/ul	96
85) Benzo(a)anthracene	21.539	228	802325	44.630	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	477764	44.701	ng/ul	98
87) Chrysene	21.603	228	769899	45.685	ng/ul	98
89) Di-n-octyl phthalate	22.620	149	845318	43.220	ng/ul	100
90) Benzo(b)fluoranthene	23.707	252	871833	44.234	ng/ul	98
91) Benzo(k)fluoranthene	23.777	252	837320	43.342	ng/ul	99
93) Benzo(a)pyrene	24.564	252	757056	43.396	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.301	276	1034697	44.665	ng/ul	99
95) Dibenzo(a,h)anthracene	28.360	278	862563	45.154	ng/ul	97
96) Benzo(g,h,i)perylene	29.423	276	845898	44.706	ng/ul	99

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

