

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058328.D
 Acq On : 19 Jul 2023 14:26
 Operator : CG/JU
 Sample : 03501-16MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46X7MS

Quant Time: Jul 20 00:59:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	39760	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	187513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	138484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	330183	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	266137	20.000	ng/u1	0.00
88) Perylene-d12	24.657	264	318036	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1545	1.430	ng/uL	0.00
4) Pyridine-d5	3.746	84	39968	12.465	ng/u1	0.00
7) Phenol-d5	7.060	99	37602	9.969	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	23964	10.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	27483	10.409	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	5831	2.027	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	14722	10.474	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	16761	10.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	29756	10.116	ng/u1	0.00
31) 4-Chloroaniline-d4	10.850	131	2065	0.484	ng/u1	0.01
46) Dimethylphthalate-d6	13.934	166	113401	10.619	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	121894	10.892	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	16069	9.964	ng/u1	0.00
60) Fluorene-d10	15.527	176	104517	11.822	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	16379	9.736	ng/u1	0.00
73) Anthracene-d10	17.377	188	127236	8.918	ng/u1	0.00
81) Pyrene-d10	19.669	212	138847	8.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.440	264	68339	4.446	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	5351	4.367	ng/uL#	74
6) Benzaldehyde	7.037	77	33106m	21.734	ng/u1	
8) Phenol	7.090	94	44542	11.372	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.313	93	33687	11.226	ng/u1	98
12) 2-Chlorophenol	7.460	128	30930	11.192	ng/u1	96
13) 2-Methylphenol	8.335	108	6586	2.157	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.417	45	57873m	11.769	ng/u1	
16) Acetophenone	8.717	105	65199	13.307	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.694	70	36754	13.706	ng/u1	97
18) 4-Methylphenol	8.670	108	17962	5.414	ng/u1	84
19) Hexachloroethane	8.976	117	7433	6.823	ng/u1#	82
22) Nitrobenzene	9.099	77	43951	11.726	ng/u1	96
23) Isophorone	9.616	82	87542	10.418	ng/u1	99
25) 2-Nitrophenol	9.810	139	19446	11.865	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.098	93	50312	11.305	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	31668	11.343	ng/u1	91
30) Naphthalene	10.750	128	122740	12.246	ng/u1	99
33) Hexachlorobutadiene	11.026	225	23111	11.577	ng/u1	92
34) Caprolactam	11.608	113	9715	8.378	ng/u1#	75
35) 4-Chloro-3-methylphenol	11.984	107	29020	8.168	ng/u1	95
36) 2-Methylnaphthalene	12.360	142	85831	12.782	ng/u1	96
37) 1-Methylnaphthalene	12.577	142	87841	12.764	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.724	216	43473	10.844	ng/u1	92
40) Hexachlorocyclopentadiene	12.701	237	18447	8.556	ng/u1	96

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41) 2,4,6-Trichlorophenol	12.965	196	26037	9.594	ng/ul	92
42) 2,4,5-Trichlorophenol	13.041	196	32868	11.358	ng/ul	97
43) 1,1'-Biphenyl	13.365	154	117424	12.540	ng/ul	100
44) 2-Chloronaphthalene	13.412	162	91587	12.301	ng/ul	97
45) 2-Nitroaniline	13.617	65	30742	11.887	ng/ul	97
47) Dimethylphthalate	13.981	163	126069	11.753	ng/ul	100
48) 2,6-Dinitrotoluene	14.111	165	24975	12.049	ng/ul	96
50) Acenaphthylene	14.258	152	143218	11.856	ng/ul	99
51) 3-Nitroaniline	14.446	138	7324m	4.240	ng/ul	
52) Acenaphthene	14.598	153	116116	13.845	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	9510	8.621	ng/ul#	1
55) 4-Nitrophenol	14.751	109	12748	10.264	ng/ul#	78
56) Dibenzofuran	14.933	168	158430	13.266	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	36217	12.114	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.162	232	28698	10.734	ng/ul	95
59) Diethylphthalate	15.345	149	131979	11.944	ng/ul	99
61) Fluorene	15.580	166	137557	14.046	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.574	204	65168	12.534	ng/ul	98
63) 4-Nitroaniline	15.603	138	12296m	7.867	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.662	198	18796	10.860	ng/ul	94
67) N-Nitrosodiphenylamine	15.785	169	55809	6.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	43881	12.547	ng/ul	95
69) Hexachlorobenzene	16.584	284	28879	7.318	ng/ul	97
70) Atrazine	16.731	200	35565	11.083	ng/ul	93
71) Pentachlorophenol	16.931	266	18615	8.403	ng/ul	93
72) Phenanthrene	17.319	178	329160	20.977	ng/ul	98
74) Anthracene	17.413	178	173706	11.027	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.335	216	42543	10.272	ng/uL	97
76) Pentachlorobenzene	14.851	250	43017	9.498	ng/uL	97
77) Carbazole	17.683	167	128803	9.433	ng/ul	99
78) Di-n-butylphthalate	18.235	149	1199650	69.139	ng/ul	98
80) Fluoranthene	19.334	202	368673	20.473	ng/ul	99
82) Pyrene	19.698	202	244641	13.408	ng/ul	98
83) Butylbenzylphthalate	20.580	149	104405	14.531	ng/ul	96
85) Benzo(a)anthracene	21.508	228	280183	15.663	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.414	149	179116	17.527	ng/ul	99
87) Chrysene	21.573	228	268060	15.798	ng/ul	98
89) Di-n-octyl phthalate	22.583	149	250936	14.829	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	291592	15.846	ng/ul	99
91) Benzo(k)fluoranthene	23.729	252	255661	13.931	ng/ul	99
93) Benzo(a)pyrene	24.510	252	72288	4.417	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.218	276	182613	8.468	ng/ul	97
95) Dibenzo(a,h)anthracene	28.282	278	239328	13.535	ng/ul	98

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

