

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062522\
 Data File : BG054058.D
 Acq On : 25 Jun 2022 12:46
 Operator : CG/JU
 Sample : N3401-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE1

Quant Time: Jun 27 01:45:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
 Supervised By :mohammad ahmed 07/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	20628	20.000	ng/u1	0.00
20) Naphthalene-d8	10.882	136	97609	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.695	164	79491	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	205784	20.000	ng/u1	0.00
79) Chrysene-d12	21.710	240	222082	20.000	ng/u1	0.00
88) Perylene-d12	24.965	264	216440	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.496	96	2483	5.727	ng/uL	0.00
4) Pyridine-d5	3.913	84	19662	16.674	ng/u1	0.00
7) Phenol-d5	7.227	99	18100	12.248	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	40057	44.935	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	42468	36.037	ng/u1	0.00
15) 4-Methylphenol-d8	8.772	113	32656	25.916	ng/u1	0.00
21) Nitrobenzene-d5	9.231	128	28900	39.889	ng/u1	0.00
24) 2-Nitrophenol-d4	9.953	143	30786	39.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	62888	36.925	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	78347	36.413	ng/u1	0.00
46) Dimethylphthalate-d6	14.095	166	250141	40.000	ng/u1	0.00
49) Acenaphthylene-d8	14.389	160	277583	40.821	ng/u1	0.00
54) 4-Nitrophenol-d4	14.883	143	7848	9.165	ng/u1	0.00
60) Fluorene-d10	15.688	176	223941	39.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	37796	33.669	ng/u1	0.00
73) Anthracene-d10	17.539	188	385830	41.516	ng/u1	0.00
81) Pyrene-d10	19.824	212	496301	42.861	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.748	264	479807	43.917	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.937	79	2956m	2.417	ng/u1	
6) Benzaldehyde	7.209	77	2647	3.517	ng/u1	95
8) Phenol	7.251	94	4320	2.802	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.486	93	2924	2.503	ng/u1	97
12) 2-Chlorophenol	7.633	128	3170	2.635	ng/u1	91
13) 2-Methylphenol	8.520	108	3015	2.519	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.602	45	4864	2.803	ng/u1#	96
16) Acetophenone	8.890	105	5475	2.810	ng/u1#	97
17) N-Nitroso-di-n-propyla...	8.872	70	2590	2.607	ng/u1#	87
18) 4-Methylphenol	8.837	108	3567	2.786	ng/u1	97
19) Hexachloroethane	9.160	117	1134	2.224	ng/u1#	87
22) Nitrobenzene	9.272	77	4033	2.337	ng/u1#	88
23) Isophorone	9.795	82	7374	2.204	ng/u1#	94
25) 2-Nitrophenol	9.989	139	1818	2.252	ng/u1	96
26) 2,4-Dimethylphenol	10.041	107	4118	2.336	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.276	93	4343	2.306	ng/u1#	92
29) 2,4-Dichlorophenol	10.535	162	4219	2.477	ng/u1#	83
30) Naphthalene	10.929	128	11110	2.295	ng/u1	99
32) 4-Chloroaniline	11.034	127	4799	2.249	ng/u1	98
33) Hexachlorobutadiene	11.222	225	3027	1.820	ng/u1	94
34) Caprolactam	11.798	113	591	1.163	ng/u1#	69
35) 4-Chloro-3-methylphenol	12.157	107	3919	2.393	ng/u1#	95
36) 2-Methylnaphthalene	12.533	142	8598	2.400	ng/u1	83
37) 1-Methylnaphthalene	12.750	142	8448	2.365	ng/u1#	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.897	216	6341	1.963	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.138	196	3016	1.798	ng/ul	91
42) 2,4,5-Trichlorophenol	13.208	196	3807	2.008	ng/ul	98
43) 1,1'-Biphenyl	13.531	154	12819	2.327	ng/ul	98
44) 2-Chloronaphthalene	13.573	162	10794	2.359	ng/ul	92
45) 2-Nitroaniline	13.772	65	2804	2.436	ng/ul	96
47) Dimethylphthalate	14.137	163	13959	2.322	ng/ul#	94
48) 2,6-Dinitrotoluene	14.260	165	2689	2.224	ng/ul#	95
50) Acenaphthylene	14.419	152	16225	2.324	ng/ul	97
51) 3-Nitroaniline	14.595	138	2062	2.101	ng/ul#	86
52) Acenaphthene	14.759	153	11463	2.459	ng/ul	96
55) 4-Nitrophenol	14.895	109	1595m	1.900	ng/ul	
56) Dibenzofuran	15.088	168	17505	2.454	ng/ul	94
57) 2,4-Dinitrotoluene	15.047	165	3637	2.074	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.323	232	3054	1.854	ng/ul#	89
59) Diethylphthalate	15.500	149	13750	2.333	ng/ul#	91
61) Fluorene	15.741	166	13887	2.390	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.729	204	8388	2.270	ng/ul	93
63) 4-Nitroaniline	15.752	138	2401	2.545	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.811	198	2212	2.053	ng/ul#	48
67) N-Nitrosodiphenylamine	15.940	169	12685	2.521	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	5448	2.131	ng/ul	94
69) Hexachlorobenzene	16.751	284	5266	1.758	ng/ul	95
70) Atrazine	16.886	200	5103	2.065	ng/ul	92
72) Phenanthrene	17.480	178	25374	2.489	ng/ul	96
74) Anthracene	17.574	178	24491	2.384	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.496	216	7290	2.080	ng/uL	84
76) Pentachlorobenzene	15.018	250	6983	2.166	ng/uL	94
77) Carbazole	17.838	167	20453	2.414	ng/ul	96
78) Di-n-butylphthalate	18.396	149	24625	2.553	ng/ul	98
80) Fluoranthene	19.489	202	31769	2.458	ng/ul#	96
82) Pyrene	19.853	202	33388	2.598	ng/ul	98
83) Butylbenzylphthalate	20.729	149	10104	2.609	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.604	252	8916	1.940	ng/ul	97
85) Benzo(a)anthracene	21.692	228	34657	2.532	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.598	149	15836	2.798	ng/ul	100
87) Chrysene	21.757	228	31683	2.413	ng/ul	98
89) Di-n-octyl phthalate	22.821	149	24304	2.615	ng/ul	100
90) Benzo(b)fluoranthene	23.925	252	33711m	2.522	ng/ul	
91) Benzo(k)fluoranthene	23.996	252	31741	2.480	ng/ul	97
93) Benzo(a)pyrene	24.812	252	28554	2.218	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.690	276	36701m	2.369	ng/ul	
95) Dibenzo(a,h)anthracene	28.749	278	29924m	2.296	ng/ul	
96) Benzo(g,h,i)perylene	29.842	276	28878m	2.208	ng/ul	

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

