

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056895.D
 Acq On : 9 Mar 2023 00:43
 Operator : CG/JU
 Sample : 01784-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCAD3

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Mar 09 03:09:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 23:58:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	14355	20.000	ng/u1	0.00
20) Naphthalene-d8	11.261	136	58600	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.033	164	48562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.771	188	138498	20.000	ng/u1	0.00
79) Chrysene-d12	22.095	240	139493	20.000	ng/u1	0.00
88) Perylene-d12	25.650	264	146745	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.687	96	1766	4.771	ng/uL	0.00
4) Pyridine-d5	4.134	84	10250	8.512	ng/u1	0.00
7) Phenol-d5	7.536	99	7940	5.397	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	26292	28.450	ng/u1	0.00
11) 2-Chlorophenol-d4	7.935	132	20598	22.370	ng/u1	0.00
15) 4-Methylphenol-d8	9.104	113	14601	13.152	ng/u1	0.00
21) Nitrobenzene-d5	9.592	128	14906	30.669	ng/u1	0.00
24) 2-Nitrophenol-d4	10.321	143	17281	30.055	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	30128	27.051	ng/u1	0.00
31) 4-Chloroaniline-d4	11.378	131	35579	24.244	ng/u1	0.00
46) Dimethylphthalate-d6	14.416	166	135344	32.583	ng/u1	0.00
49) Acenaphthylene-d8	14.727	160	139247	30.531	ng/u1	0.00
54) 4-Nitrophenol-d4	15.191	143	4776	6.785	ng/u1	0.00
60) Fluorene-d10	16.014	176	121041	31.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.120	200	30318	30.289	ng/u1	0.00
73) Anthracene-d10	17.871	188	229214m	34.243	ng/u1	0.00
81) Pyrene-d10	20.133	212	297799	35.049	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.397	264	286143	35.611	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.734	88	796	1.930	ng/uL#	69
5) Pyridine	4.151	79	10790	8.363	ng/u1	98
6) Benzaldehyde	7.536	77	2078	2.683	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.818	93	2655	2.520	ng/u1	88
16) Acetophenone	9.240	105	3966	2.088	ng/u1	89
17) N-Nitroso-di-n-propyla...	9.216	70	1974	1.786	ng/u1#	88
22) Nitrobenzene	9.633	77	2785	1.836	ng/u1#	85
23) Isophorone	10.156	82	5294	1.788	ng/u1#	94
27) Bis(2-Chloroethoxy)met...	10.632	93	2843	1.973	ng/u1	96
30) Naphthalene	11.314	128	3828	1.183	ng/u1	95
32) 4-Chloroaniline	11.408	127	29757	20.696	ng/u1	99
33) Hexachlorobutadiene	11.584	225	1055	1.248	ng/u1#	76
34) Caprolactam	12.130	113	936	2.379	ng/u1	86
36) 2-Methylnaphthalene	12.888	142	3056	1.312	ng/u1	84
37) 1-Methylnaphthalene	13.094	142	2872	1.234	ng/u1#	70
39) 1,2,4,5-Tetrachloroben...	13.241	216	2377	1.325	ng/u1#	92
43) 1,1'-Biphenyl	13.869	154	4659	1.281	ng/u1	91
44) 2-Chloronaphthalene	13.911	162	3778	1.260	ng/u1#	86
45) 2-Nitroaniline	14.104	65	3154	2.852	ng/u1#	83
47) Dimethylphthalate	14.463	163	6251	1.489	ng/u1	99
48) 2,6-Dinitrotoluene	14.586	165	999	1.183	ng/u1#	72
50) Acenaphthylene	14.763	152	5646	1.225	ng/u1#	93
51) 3-Nitroaniline	14.921	138	11061	14.518	ng/u1#	90
52) Acenaphthene	15.097	153	4401	1.365	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
56) Dibenzofuran	15.426	168	7090	1.439	ng/ul#	87	03/09/2023
57) 2,4-Dinitrotoluene	15.368	165	1679	1.290	ng/ul#	84	Supervised By :Jagrut Upadhyay
58) 2,3,4,6-Tetrachlorophenol	15.644	232	1351	1.078	ng/ul#	81	
59) Diethylphthalate	15.808	149	6225	1.467	ng/ul#	93	
61) Fluorene	16.073	166	5303	1.351	ng/ul#	90	
62) 4-Chlorophenyl-phenyle...	16.049	204	2872	1.220	ng/ul	97	
63) 4-Nitroaniline	16.073	138	6295	8.329	ng/ul	95	03/09/2023
67) N-Nitrosodiphenylamine	16.261	169	4710	1.266	ng/ul	90	
68) 4-Bromophenyl-phenylether	16.942	248	2140	1.246	ng/ul	97	
69) Hexachlorobenzene	17.072	284	2597	1.394	ng/ul	95	
70) Atrazine	17.195	200	4245	2.539	ng/ul#	87	
71) Pentachlorophenol	17.412	266	4153	3.781	ng/ul	88	
72) Phenanthrene	17.812	178	10256	1.376	ng/ul	98	
74) Anthracene	17.906	178	10542	1.388	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.846	216	2462	1.240	ng/ul#	77	
76) Pentachlorobenzene	15.344	250	2424	1.170	ng/ul	90	
77) Carbazole	18.164	167	11443	1.776	ng/ul	99	
78) Di-n-butylphthalate	18.693	149	11402	1.530	ng/ul	99	
80) Fluoranthene	19.798	202	14110	1.393	ng/ul#	92	
82) Pyrene	20.162	202	14622	1.442	ng/ul#	95	
83) Butylbenzylphthalate	21.020	149	4993	1.484	ng/ul	94	
85) Benzo(a)anthracene	22.072	228	15085	1.479	ng/ul	98	
86) Bis(2-ethylhexyl)phtha...	21.931	149	6850	1.425	ng/ul#	85	
87) Chrysene	22.142	228	13290	1.406	ng/ul	98	
89) Di-n-octyl phthalate	23.253	149	11220	1.404	ng/ul	100	
90) Benzo(b)fluoranthene	24.498	252	14230	1.419	ng/ul	95	
91) Benzo(k)fluoranthene	24.575	252	14273	1.481	ng/ul	99	
93) Benzo(a)pyrene	25.474	252	11975	1.397	ng/ul#	87	
94) Indeno(1,2,3-cd)pyrene	29.716	276	17444m	1.489	ng/ul		
95) Dibenzo(a,h)anthracene	29.792	278	14306m	1.480	ng/ul		
96) Benzo(g,h,i)perylene	30.985	276	13814m	1.471	ng/ul		

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

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