

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061896.D
 Acq On : 5 Jul 2024 12:15
 Operator : MA/JU
 Sample : P3010-26
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DJ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 05 12:55:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	34707	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	161914	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	114613	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.460	188	270190	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.725	240	243589	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	296818	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.488	96	3554	3.848	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.248	99	97458	25.659	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.419	67	58195	24.195	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	70141	26.922	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	76158	25.466	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	39844	32.356	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	43323	30.807	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	98037	36.144	ng/u1	0.00
31) 4-Chloroaniline-d4	11.044	131	75135	19.080	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	312353	33.149	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	323628	32.846	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	48597	32.295	ng/u1	0.00
60) Fluorene-d10	15.709	176	275417	34.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	49037	34.558	ng/u1	0.00
73) Anthracene-d10	17.560	188	457506	36.268	ng/u1	0.00
81) Pyrene-d10	19.839	212	525583	36.683	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	553705	37.614	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.272	94	203422	52.311	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.513	93	283507	94.903	ng/u1	99
12) 2-Chlorophenol	7.659	128	113151	42.629	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.905	70	444089	160.580	ng/u1	91
22) Nitrobenzene	9.310	77	409153	117.052	ng/u1	99
25) 2-Nitrophenol	10.021	139	198275	138.257	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.309	93	390562	89.809	ng/u1	99
29) 2,4-Dichlorophenol	10.556	162	369718	145.107	ng/u1	98
35) 4-Chloro-3-methylphenol	12.178	107	492726	145.202	ng/u1	93
41) 2,4,6-Trichlorophenol	13.153	196	154578	67.617	ng/u1	99
42) 2,4,5-Trichlorophenol	13.224	196	243502	96.964	ng/u1	89
48) 2,6-Dinitrotoluene	14.293	165	187178	108.865	ng/u1	99
52) Acenaphthene	14.786	153	1136654	152.222	ng/u1	95
55) 4-Nitrophenol	14.933	109	175049	101.925	ng/u1	89
57) 2,4-Dinitrotoluene	15.086	165	489770	194.238	ng/u1#	85
59) Diethylphthalate	15.527	149	635059	65.023	ng/u1	97
61) Fluorene	15.768	166	981388	109.347	ng/u1	98
68) 4-Bromophenyl-phenylether	16.643	248	246837	80.528	ng/u1	96
71) Pentachlorophenol	17.107	266	324554	167.521	ng/u1	92
72) Phenanthrene	17.507	178	1535581	107.786	ng/u1	99
74) Anthracene	17.595	178	573093	38.925	ng/u1	99
78) Di-n-butylphthalate	18.412	149	2537663	159.520	ng/u1#	96
80) Fluoranthene	19.504	202	1389736	81.961	ng/u1	96
82) Pyrene	19.875	202	3030920	173.047	ng/u1	97

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83) Butylbenzylphthalate	20.744	149	719174	97.837	ng/ul	91
85) Benzo(a)anthracene	21.702	228	1379322	78.208	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.602	149	1366210	129.523	ng/ul#	99
87) Chrysene	21.766	228	845434	51.206	ng/ul	99
89) Di-n-octyl phthalate	22.824	149	2760481	152.230	ng/ul	100
90) Benzo(b)fluoranthene	23.929	252	805418	43.069	ng/ul	99
91) Benzo(k)fluoranthene	24.005	252	1308607m	70.173	ng/ul	
93) Benzo(a)pyrene	24.810	252	619239	34.969	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.752	276	967154m	42.738	ng/ul	
95) Dibenzo(a,h)anthracene	28.752	278	2452229	131.206	ng/ul	99

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

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