

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061899.D
 Acq On : 5 Jul 2024 16:32
 Operator : MA/JU
 Sample : P2982-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DJ1

Quant Time: Jul 05 17:09:26 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	8.093	152	36803	20.000	ng/u1	0.00
20) Naphthalene-d8	10.907	136	183852	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.720	164	139353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.464	188	311094	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.724	240	273069	20.000	ng/u1	0.00
88) Perylene-d12	24.961	264	322476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	3526	3.600	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.247	99	116126	28.833	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.417	67	67728	26.554	ng/u1	0.00
11) 2-Chlorophenol-d4	7.623	132	79938	28.935	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	94222	29.712	ng/u1	0.00
21) Nitrobenzene-d5	9.262	128	43252	30.933	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	48998	30.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.525	165	127810	41.498	ng/u1	0.00
31) 4-Chloroaniline-d4	11.036	131	91506	20.464	ng/u1	0.00
46) Dimethylphthalate-d6	14.127	166	377089	32.914	ng/u1	0.00
49) Acenaphthylene-d8	14.415	160	407680	34.031	ng/u1	0.00
54) 4-Nitrophenol-d4	14.920	143	58172	31.795	ng/u1	0.00
60) Fluorene-d10	15.707	176	345903	35.865	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.825	200	58508	35.811	ng/u1	0.00
73) Anthracene-d10	17.564	188	529212	36.436	ng/u1	0.00
81) Pyrene-d10	19.838	212	589439	36.699	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.750	264	605055	37.832	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.270	94	102875	24.948	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.511	93	395810	124.950	ng/u1	97
12) 2-Chlorophenol	7.658	128	298933	106.207	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.904	70	374229	127.612	ng/u1	91
23) Isophorone	9.832	82	1198813	133.693	ng/u1#	97
25) 2-Nitrophenol	10.020	139	131783	80.927	ng/u1	95
29) 2,4-Dichlorophenol	10.555	162	588762	203.504	ng/u1	96
30) Naphthalene	10.966	128	1454418	144.016	ng/u1	95
35) 4-Chloro-3-methylphenol	12.170	107	124435	32.294	ng/u1	87
36) 2-Methylnaphthalene	12.564	142	1153605	157.672	ng/u1	94
41) 2,4,6-Trichlorophenol	13.152	196	100179	36.042	ng/u1	96
42) 2,4,5-Trichlorophenol	13.228	196	206233	67.544	ng/u1	91
48) 2,6-Dinitrotoluene	14.309	165	619103	296.151	ng/u1	99
50) Acenaphthylene	14.450	152	1338870	101.830	ng/u1	99
52) Acenaphthene	14.791	153	1342297	147.848	ng/u1	96
55) 4-Nitrophenol	14.938	109	132461	63.434	ng/u1	94
56) Dibenzofuran	15.120	168	1044365	81.390	ng/u1	94
57) 2,4-Dinitrotoluene	15.085	165	224227	73.139	ng/u1#	87
59) Diethylphthalate	15.531	149	1899546	159.964	ng/u1	97
61) Fluorene	15.772	166	1107376	101.480	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.754	204	543813	99.213	ng/u1	91
68) 4-Bromophenyl-phenylether	16.647	248	307729	87.193	ng/u1	96
71) Pentachlorophenol	17.106	266	323027	144.810	ng/u1	95
72) Phenanthrene	17.505	178	881567	53.743	ng/u1	99

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

74) Anthracene	17.599	178	2053000	121.107	ng/ul	98
78) Di-n-butylphthalate	18.416	149	2141270	116.904	ng/ul#	98
80) Fluoranthene	19.509	202	1758651	92.521	ng/ul#	95
83) Butylbenzylphthalate	20.743	149	184872	22.435	ng/ul	96
85) Benzo(a)anthracene	21.706	228	1338937	67.722	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.612	149	2944493	249.015	ng/ul#	96
89) Di-n-octyl phthalate	22.828	149	2873822	145.871	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	1141171	56.168	ng/ul	99
91) Benzo(k)fluoranthene	24.009	252	870309	42.957	ng/ul	97
93) Benzo(a)pyrene	24.814	252	800038	41.584	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.727	278	684078	33.689	ng/ul#	98
96) Benzo(g,h,i)perylene	29.850	276	1657363	84.735	ng/ul	99

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

