

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022222\
 Data File : BG052460.D
 Acq On : 23 Feb 2022 11:40
 Operator : CG/JU
 Sample : N1622-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GBD37

Quant Time: Feb 23 12:23:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	23545	20.000	ng/u1	0.00
20) Naphthalene-d8	11.060	136	99923	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.867	164	71908	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.616	188	181670	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.933	240	185817	20.000	ng/u1	# 0.00
88) Perylene-d12	25.399	264	191001	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	2802	4.668	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.371	99	60566	27.128	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	34963	26.797	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	40985	26.136	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	43329	24.943	ng/u1	0.00
21) Nitrobenzene-d5	9.392	128	22151	26.004	ng/u1	0.00
24) 2-Nitrophenol-d4	10.132	143	25931	27.792	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	48692	27.984	ng/u1	0.00
31) 4-Chloroaniline-d4	11.189	131	60765	25.201	ng/u1	0.00
46) Dimethylphthalate-d6	14.256	166	198403	33.940	ng/u1	0.00
49) Acenaphthylene-d8	14.561	160	226132	31.336	ng/u1	0.00
54) 4-Nitrophenol-d4	15.055	143	30326	32.634	ng/u1	0.00
60) Fluorene-d10	15.859	176	178260	34.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.971	200	40686	35.320	ng/u1	0.00
73) Anthracene-d10	17.716	188	317407	36.165	ng/u1	0.00
81) Pyrene-d10	19.995	212	405317	37.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.164	264	397306	38.773	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.582	88	6360	9.108	ng/uL	96
14) 2,2'-oxybis(1-Chloropr...	8.745	45	44623	19.521	ng/u1#	94
22) Nitrobenzene	9.439	77	45699	20.927	ng/u1	96
25) 2-Nitrophenol	10.161	139	25992	26.509	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.443	93	38312	16.803	ng/u1	98
29) 2,4-Dichlorophenol	10.707	162	30755	18.684	ng/u1	99
30) Naphthalene	11.113	128	63911	11.497	ng/u1	97
35) 4-Chloro-3-methylphenol	12.323	107	114955	62.527	ng/u1	90
36) 2-Methylnaphthalene	12.705	142	119970	30.117	ng/u1	99
37) 1-Methylnaphthalene	12.928	142	98312	24.252	ng/u1	95
40) Hexachlorocyclopentadiene	13.051	237	29458	24.113	ng/u1	89
41) 2,4,6-Trichlorophenol	13.310	196	26576	17.560	ng/u1	97
44) 2-Chloronaphthalene	13.750	162	96996	22.307	ng/u1	97
48) 2,6-Dinitrotoluene	14.426	165	18155	14.508	ng/u1	87
50) Acenaphthylene	14.590	152	104203	14.450	ng/u1	99
52) Acenaphthene	14.931	153	69323	14.617	ng/u1	93
57) 2,4-Dinitrotoluene	15.219	165	65206	35.974	ng/u1	92
58) 2,3,4,6-Tetrachlorophenol	15.495	232	61009	41.728	ng/u1#	86
61) Fluorene	15.912	166	83072	14.485	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.895	204	75590	24.219	ng/u1	92
66) 4,6-Dinitro-2-methylph...	15.989	198	134377	120.368	ng/u1#	92
68) 4-Bromophenyl-phenylether	16.793	248	68845	31.573	ng/u1#	89
69) Hexachlorobenzene	16.928	284	79563	31.801	ng/u1#	87
72) Phenanthrene	17.657	178	168970	17.269	ng/u1	99

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74) Anthracene	17.751	178	162112	16.462	ng/ul	98
80) Fluoranthene	19.666	202	521908	40.656	ng/ul#	90
82) Pyrene	20.024	202	212057	16.635	ng/ul#	90
85) Benzo(a)anthracene	21.910	228	216571	17.200	ng/ul	98
87) Chrysene	21.980	228	201476	16.691	ng/ul	98
90) Benzo(b)fluoranthene	24.295	252	705474	52.977	ng/ul#	96
91) Benzo(k)fluoranthene	24.360	252	199828	16.269	ng/ul#	96
93) Benzo(a)pyrene	25.235	252	124569	9.944	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.388	276	268006	18.814	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.453	278	268552	22.084	ng/ul#	91
96) Benzo(g,h,i)perylene	30.633	276	237253	19.836	ng/ul#	90

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

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