

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021623\
 Data File : BG056655.D
 Acq On : 16 Feb 2023 15:45
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV413

Quant Time: Feb 17 04:23:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 17 04:20:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	17736	20.000	ng/u1	0.00
20) Naphthalene-d8	11.278	136	74952	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	15.039	164	62598	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.777	188	152055	20.000	ng/u1	0.00
79) Chrysene-d12	22.095	240	146172	20.000	ng/u1	0.00
88) Perylene-d12	25.638	264	158959	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.711	96	2878	7.468	ng/uL	-0.01
4) Pyridine-d5	4.151	84	23361	16.694	ng/u1	0.00
7) Phenol-d5	7.547	99	26592	15.628	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.735	67	19116	18.777	ng/u1	0.00
11) 2-Chlorophenol-d4	7.953	132	18305	17.858	ng/u1	0.00
15) 4-Methylphenol-d8	9.122	113	20511	16.222	ng/u1	0.00
21) Nitrobenzene-d5	9.610	128	8972	19.195	ng/u1	0.00
24) 2-Nitrophenol-d4	10.338	143	9774	17.860	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.879	165	23480	18.729	ng/u1	0.00
31) 4-Chloroaniline-d4	11.396	131	29489	16.314	ng/u1	0.00
46) Dimethylphthalate-d6	14.428	166	77937	16.729	ng/u1	0.00
49) Acenaphthylene-d8	14.739	160	88240	16.392	ng/u1	0.00
54) 4-Nitrophenol-d4	15.185	143	12167	16.749	ng/u1	0.00
60) Fluorene-d10	16.026	176	73202	15.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.120	200	12424	17.033	ng/u1	0.00
73) Anthracene-d10	17.871	188	118486	16.979	ng/u1	0.00
81) Pyrene-d10	20.133	212	137837	16.426	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.391	264	135812	16.645	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.752	88	3081	6.517	ng/uL#	86
5) Pyridine	4.175	79	23012	16.049	ng/u1	93
6) Benzaldehyde	7.553	77	21702	27.631	ng/u1	94
8) Phenol	7.577	94	28767	16.637	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.829	93	21094	16.956	ng/u1	94
12) 2-Chlorophenol	7.988	128	18839	18.030	ng/u1	97
13) 2-Methylphenol	8.852	108	21402	16.278	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.957	45	27639	16.729	ng/u1#	95
16) Acetophenone	9.257	105	38691	17.133	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.234	70	21268	17.480	ng/u1	98
18) 4-Methylphenol	9.181	108	23162	16.541	ng/u1	95
19) Hexachloroethane	9.545	117	7533	18.390	ng/u1	95
22) Nitrobenzene	9.651	77	27780	21.276	ng/u1	98
23) Isophorone	10.174	82	58541	17.462	ng/u1	98
25) 2-Nitrophenol	10.368	139	10709	19.163	ng/u1	97
26) 2,4-Dimethylphenol	10.409	107	27298	18.012	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.650	93	29801	17.182	ng/u1	100
29) 2,4-Dichlorophenol	10.902	162	23055	18.680	ng/u1	98
30) Naphthalene	11.325	128	67753	17.154	ng/u1	98
32) 4-Chloroaniline	11.419	127	29515	16.568	ng/u1	93
33) Hexachlorobutadiene	11.607	225	19092	17.748	ng/u1	93
34) Caprolactam	12.166	113	8097	19.100	ng/u1	91
35) 4-Chloro-3-methylphenol	12.495	107	25275	18.493	ng/u1	99
36) 2-Methylnaphthalene	12.900	142	51401	17.667	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.117	142	46672	15.646	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.252	216	36736	16.937	ng/ul	96
40) Hexachlorocyclopentadiene	13.235	237	22395	16.944	ng/ul	99
41) 2,4,6-Trichlorophenol	13.482	196	22950	18.551	ng/ul	86
42) 2,4,5-Trichlorophenol	13.546	196	25830	18.042	ng/ul	97
43) 1,1'-Biphenyl	13.881	154	74380	17.038	ng/ul	99
44) 2-Chloronaphthalene	13.928	162	59664	16.389	ng/ul	95
45) 2-Nitroaniline	14.116	65	15794	20.363	ng/ul	93
47) Dimethylphthalate	14.480	163	80605	17.060	ng/ul#	95
48) 2,6-Dinitrotoluene	14.598	165	14503	19.017	ng/ul#	86
50) Acenaphthylene	14.768	152	92806	16.779	ng/ul	98
51) 3-Nitroaniline	14.927	138	15707	20.950	ng/ul	90
52) Acenaphthene	15.103	153	62486	16.282	ng/ul	94
53) 2,4-Dinitrophenol	15.127	184	8493	15.345	ng/ul#	59
55) 4-Nitrophenol	15.203	109	13076	18.745	ng/ul	89
56) Dibenzofuran	15.432	168	96494	16.565	ng/ul	98
57) 2,4-Dinitrotoluene	15.374	165	19057	17.312	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.644	232	24022m	19.388	ng/ul	
59) Diethylphthalate	15.826	149	78998	17.364	ng/ul	100
61) Fluorene	16.079	166	75530	16.097	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.061	204	46026	16.464	ng/ul	92
63) 4-Nitroaniline	16.079	138	16415	22.350	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	16.131	198	11572	16.085	ng/ul#	88
67) N-Nitrosodiphenylamine	16.272	169	69439	17.761	ng/ul	95
68) 4-Bromophenyl-phenylether	16.954	248	29514	17.219	ng/ul	95
69) Hexachlorobenzene	17.077	284	32784	16.795	ng/ul	96
70) Atrazine	17.201	200	29083	17.872	ng/ul	96
71) Pentachlorophenol	17.412	266	17881	17.014	ng/ul	94
72) Phenanthrene	17.818	178	131694	16.953	ng/ul	99
74) Anthracene	17.906	178	135921	17.320	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.852	216	37764	18.265	ng/uL	89
76) Pentachlorobenzene	15.350	250	39372	18.146	ng/uL	98
77) Carbazole	18.164	167	115193	17.308	ng/ul	98
78) Di-n-butylphthalate	18.699	149	122973	18.402	ng/ul	99
80) Fluoranthene	19.798	202	166123	16.784	ng/ul	99
82) Pyrene	20.162	202	165532	16.785	ng/ul	98
83) Butylbenzylphthalate	21.026	149	52040	19.136	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.966	252	66807	21.102	ng/ul	97
85) Benzo(a)anthracene	22.066	228	168432	16.719	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.942	149	78065	18.996	ng/ul	99
87) Chrysene	22.142	228	156249	16.861	ng/ul	98
89) Di-n-octyl phthalate	23.270	149	128635	17.492	ng/ul	100
90) Benzo(b)fluoranthene	24.498	252	173322	16.750	ng/ul	97
91) Benzo(k)fluoranthene	24.574	252	167441	16.811	ng/ul	97
93) Benzo(a)pyrene	25.468	252	149148	16.916	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.710	276	204259m	16.821	ng/ul	
95) Dibenzo(a,h)anthracene	29.792	278	167213	16.653	ng/ul#	94
96) Benzo(g,h,i)perylene	30.996	276	161070	16.639	ng/ul#	96

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

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