

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057218.D
 Acq On : 28 Apr 2023 14:43
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV434

Quant Time: Apr 28 23:36:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	14877	20.000	ng/u1	0.00
20) Naphthalene-d8	11.217	136	66400	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.988	164	52649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.725	188	133576	20.000	ng/u1	0.00
79) Chrysene-d12	22.037	240	122190	20.000	ng/u1	# 0.00
88) Perylene-d12	25.544	264	126883	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	2608	7.714	ng/uL	-0.01
4) Pyridine-d5	4.097	84	22685	21.284	ng/u1	0.00
7) Phenol-d5	7.510	99	29921	21.267	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	18268	22.076	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	20193	21.779	ng/u1	0.00
15) 4-Methylphenol-d8	9.072	113	23635	22.103	ng/u1	0.00
21) Nitrobenzene-d5	9.554	128	11469	21.689	ng/u1	0.00
24) 2-Nitrophenol-d4	10.283	143	13355	21.641	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.829	165	25864	21.724	ng/u1	0.00
31) 4-Chloroaniline-d4	11.340	131	35212	22.314	ng/u1	0.00
46) Dimethylphthalate-d6	14.371	166	90102	21.598	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	100862	21.512	ng/u1	0.00
54) 4-Nitrophenol-d4	15.170	143	12536	20.644	ng/u1	0.00
60) Fluorene-d10	15.975	176	84149	21.653	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	17681	22.341	ng/u1	0.00
73) Anthracene-d10	17.825	188	134362	22.037	ng/u1	0.00
81) Pyrene-d10	20.093	212	158674	21.878	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.303	264	138455	21.418	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.697	88	3303	9.213	ng/uL#	80
5) Pyridine	4.114	79	23701	21.095	ng/u1	94
6) Benzaldehyde	7.504	77	8627	20.076	ng/uL#	76
8) Phenol	7.539	94	30616	21.590	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.774	93	22950	21.624	ng/u1	98
12) 2-Chlorophenol	7.933	128	21418	21.993	ng/u1	97
13) 2-Methylphenol	8.808	108	23850	21.702	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.896	45	29776	21.761	ng/u1	97
16) Acetophenone	9.202	105	41167	22.373	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.178	70	23434	22.162	ng/u1	96
18) 4-Methylphenol	9.137	108	25783	21.675	ng/u1	95
19) Hexachloroethane	9.478	117	9160	22.481	ng/u1	96
22) Nitrobenzene	9.595	77	33648	21.369	ng/u1	98
23) Isophorone	10.112	82	64993	21.694	ng/u1	98
25) 2-Nitrophenol	10.312	139	14241	22.784	ng/u1	98
26) 2,4-Dimethylphenol	10.353	107	30538	21.537	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.588	93	34446	22.119	ng/u1	95
29) 2,4-Dichlorophenol	10.852	162	24610	21.777	ng/u1	95
30) Naphthalene	11.264	128	78735	21.596	ng/u1	98
32) 4-Chloroaniline	11.363	127	36317	22.088	ng/u1	99
33) Hexachlorobutadiene	11.540	225	21713	22.653	ng/u1	92
34) Caprolactam	12.115	113	8744	22.984	ng/u1	95
35) 4-Chloro-3-methylphenol	12.456	107	29074	22.360	ng/u1	98
36) 2-Methylnaphthalene	12.844	142	58674	21.946	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.061	142	59792	22.241	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.202	216	41375	21.625	ng/ul	99
40) Hexachlorocyclopentadiene	13.179	237	18025	18.879	ng/ul	100
41) 2,4,6-Trichlorophenol	13.437	196	24452	21.944	ng/ul	93
42) 2,4,5-Trichlorophenol	13.513	196	26023	21.752	ng/ul	91
43) 1,1'-Biphenyl	13.825	154	86476	21.526	ng/ul#	98
44) 2-Chloronaphthalene	13.878	162	67187	21.569	ng/ul	97
45) 2-Nitroaniline	14.072	65	21325	22.678	ng/ul	96
47) Dimethylphthalate	14.418	163	93057	22.213	ng/ul	99
48) 2,6-Dinitrotoluene	14.553	165	19262	22.342	ng/ul#	95
50) Acenaphthylene	14.718	152	102319	21.474	ng/ul	99
51) 3-Nitroaniline	14.888	138	12982	21.251	ng/ul#	87
52) Acenaphthene	15.053	153	72204	21.269	ng/ul	98
53) 2,4-Dinitrophenol	15.094	184	9220	20.082	ng/ul	93
55) 4-Nitrophenol	15.182	109	14670	21.311	ng/ul	94
56) Dibenzofuran	15.382	168	105951	21.612	ng/ul	99
57) 2,4-Dinitrotoluene	15.340	165	27928	22.628	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.605	232	24357	22.406	ng/ul	98
59) Diethylphthalate	15.769	149	94007	22.087	ng/ul	98
61) Fluorene	16.028	166	88445	21.336	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.010	204	51892	21.447	ng/ul	99
63) 4-Nitroaniline	16.039	138	11391	19.691	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.098	198	17388	21.561	ng/ul#	98
67) N-Nitrosodiphenylamine	16.222	169	75564	21.656	ng/ul	98
68) 4-Bromophenyl-phenylether	16.903	248	34381	21.535	ng/ul	96
69) Hexachlorobenzene	17.032	284	36925	21.963	ng/ul	98
70) Atrazine	17.150	200	34383	22.172	ng/ul	99
71) Pentachlorophenol	17.379	266	15061	19.381	ng/ul	95
72) Phenanthrene	17.772	178	150617	21.653	ng/ul	98
74) Anthracene	17.861	178	151963	21.748	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.801	216	43747	21.775	ng/uL	98
76) Pentachlorobenzene	15.305	250	45007	22.008	ng/uL	95
77) Carbazole	18.125	167	128638	22.030	ng/ul	98
78) Di-n-butylphthalate	18.642	149	147107	22.031	ng/ul	99
80) Fluoranthene	19.758	202	184289	21.390	ng/ul	100
82) Pyrene	20.122	202	187017	21.443	ng/ul	98
83) Butylbenzylphthalate	20.974	149	60212	21.557	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.914	252	60190	22.180	ng/ul	97
85) Benzo(a)anthracene	22.014	228	184495	21.349	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.861	149	87630	21.571	ng/ul	94
87) Chrysene	22.084	228	174076	21.350	ng/ul	99
89) Di-n-octyl phthalate	23.165	149	148419	21.182	ng/ul	100
90) Benzo(b)fluoranthene	24.416	252	190035	21.628	ng/ul	99
91) Benzo(k)fluoranthene	24.493	252	183953	21.519	ng/ul	99
93) Benzo(a)pyrene	25.380	252	161906	21.344	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.586	276	199658	21.056	ng/ul	96
95) Dibenzo(a,h)anthracene	29.656	278	165460	21.044	ng/ul	97
96) Benzo(g,h,i)perylene	30.861	276	160741	20.946	ng/ul	97

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

