

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061450.D
 Acq On : 4 Jun 2024 11:23
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020513

Quant Time: Jun 04 12:46:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	17447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	92558	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.516	164	81109	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	214755	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	231597	20.000	ng/u1	0.00
88) Perylene-d12	24.616	264	263369	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	3092	9.918	ng/uL	0.00
4) Pyridine-d5	3.734	84	22143	19.965	ng/u1	0.00
7) Phenol-d5	7.066	99	28245	19.714	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	17930	19.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	22143	20.883	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	29124	23.839	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	14415	20.228	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	17429	20.898	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	34256	21.068	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	43434	20.419	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	129698	20.618	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	132227	20.218	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	13178	16.944	ng/u1	0.02
60) Fluorene-d10	15.509	176	113721	20.939	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	24861	19.140	ng/u1	0.02
73) Anthracene-d10	17.365	188	196063	20.708	ng/u1	0.00
81) Pyrene-d10	19.657	212	238555	20.061	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	259615	20.504	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	2975	7.951	ng/uL#	86
5) Pyridine	3.752	79	22118	20.162	ng/u1	95
6) Benzaldehyde	7.013	77	13354	17.825	ng/u1	96
8) Phenol	7.089	94	30110	20.626	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.295	93	23239	21.763	ng/u1	91
12) 2-Chlorophenol	7.442	128	22596	20.164	ng/u1	98
13) 2-Methylphenol	8.335	108	27941	24.697	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.399	45	62870	21.801	ng/u1#	93
16) Acetophenone	8.693	105	49806	23.888	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.676	70	26430	23.054	ng/u1	89
18) 4-Methylphenol	8.658	108	29203	23.297	ng/u1	95
19) Hexachloroethane	8.952	117	11946	23.959	ng/u1	93
22) Nitrobenzene	9.075	77	38653	19.776	ng/u1	99
23) Isophorone	9.598	82	78630	19.776	ng/u1	98
25) 2-Nitrophenol	9.786	139	18014	19.899	ng/u1	93
26) 2,4-Dimethylphenol	9.857	107	36347	20.263	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.080	93	41287	20.716	ng/u1	99
29) 2,4-Dichlorophenol	10.338	162	32480	21.688	ng/u1	90
30) Naphthalene	10.720	128	100225	20.515	ng/u1	98
32) 4-Chloroaniline	10.832	127	42945	20.315	ng/u1	99
33) Hexachlorobutadiene	11.002	225	30624	20.921	ng/u1	96
34) Caprolactam	11.590	113	12930	22.568	ng/u1	94
35) 4-Chloro-3-methylphenol	11.983	107	39760	20.538	ng/u1	91
36) 2-Methylnaphthalene	12.330	142	73895	20.858	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.553	142	74872	20.593	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.706	216	57876	21.613	ng/ul	98
40) Hexachlorocyclopentadiene	12.677	237	28758	23.792	ng/ul	99
41) 2,4,6-Trichlorophenol	12.959	196	33019	21.891	ng/ul	93
42) 2,4,5-Trichlorophenol	13.041	196	35471	22.331	ng/ul	91
43) 1,1'-Biphenyl	13.341	154	109729	20.922	ng/ul	97
44) 2-Chloronaphthalene	13.388	162	84680	20.516	ng/ul	94
45) 2-Nitroaniline	13.593	65	34139	20.041	ng/ul	94
47) Dimethylphthalate	13.963	163	131725	20.091	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	26424	20.551	ng/ul	92
50) Acenaphthylene	14.234	152	148411	20.464	ng/ul	99
51) 3-Nitroaniline	14.422	138	22316	19.999	ng/ul#	95
52) Acenaphthene	14.580	153	97353	20.464	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	15548	22.804	ng/ul	92
55) 4-Nitrophenol	14.774	109	14364	15.709	ng/ul	97
56) Dibenzofuran	14.915	168	139733	20.543	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	41183	21.053	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.156	232	29948	20.672	ng/ul	95
59) Diethylphthalate	15.332	149	132507	20.466	ng/ul	99
61) Fluorene	15.567	166	123647	21.009	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.556	204	72715	21.067	ng/ul	98
63) 4-Nitroaniline	15.591	138	23064	19.845	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.667	198	25467	18.709	ng/ul#	92
67) N-Nitrosodiphenylamine	15.773	169	110135	20.404	ng/ul	97
68) 4-Bromophenyl-phenylether	16.449	248	53836	21.157	ng/ul	99
69) Hexachlorobenzene	16.578	284	60538	21.404	ng/ul	96
70) Atrazine	16.725	200	41707	19.525	ng/ul	95
71) Pentachlorophenol	16.931	266	23121	23.487	ng/ul	91
72) Phenanthrene	17.307	178	213888	20.520	ng/ul	97
74) Anthracene	17.401	178	224190	20.802	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.311	216	58607	20.646	ng/ul	99
76) Pentachlorobenzene	14.839	250	64664	20.603	ng/ul	97
77) Carbazole	17.671	167	185773	21.193	ng/ul	99
78) Di-n-butylphthalate	18.229	149	229073	20.856	ng/ul	99
80) Fluoranthene	19.322	202	284776	19.963	ng/ul	99
82) Pyrene	19.686	202	296213	20.004	ng/ul	100
83) Butylbenzylphthalate	20.573	149	101765	20.006	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.419	252	99655	20.272	ng/ul	98
85) Benzo(a)anthracene	21.502	228	321836	20.140	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	152913	20.308	ng/ul#	98
87) Chrysene	21.566	228	300291	20.408	ng/ul	98
89) Di-n-octyl phthalate	22.571	149	263942	20.032	ng/ul	100
90) Benzo(b)fluoranthene	23.634	252	314617	20.064	ng/ul	98
91) Benzo(k)fluoranthene	23.699	252	320959	20.162	ng/ul	96
93) Benzo(a)pyrene	24.469	252	302790	20.335	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.129	276	367938	20.434	ng/ul	97
95) Dibenzo(a,h)anthracene	28.176	278	304497	20.508	ng/ul	97
96) Benzo(g,h,i)perylene	29.228	276	291092	20.321	ng/ul	100

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

