

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056095.D
 Acq On : 24 Dec 2022 18:28
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV448

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 22:56:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	39823	20.000	ng/u1	0.00
20) Naphthalene-d8	11.181	136	155190	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.958	164	139103	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.691	188	382446	20.000	ng/u1	0.00
79) Chrysene-d12	21.991	240	409237	20.000	ng/u1	0.00
88) Perylene-d12	25.464	264	445786	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	7658m	8.050	ng/uL	0.00
4) Pyridine-d5	4.083	84	57086	18.404	ng/u1	0.00
7) Phenol-d5	7.473	99	68534	18.972	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.649	67	28516	20.029	ng/u1	0.00
11) 2-Chlorophenol-d4	7.867	132	43212	20.240	ng/u1	0.00
15) 4-Methylphenol-d8	9.036	113	50911	18.727	ng/u1	0.00
21) Nitrobenzene-d5	9.518	128	22670	20.056	ng/u1	0.00
24) 2-Nitrophenol-d4	10.246	143	29015	19.647	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.787	165	63331	19.298	ng/u1	0.00
31) 4-Chloroaniline-d4	11.304	131	69639	18.761	ng/u1	0.00
46) Dimethylphthalate-d6	14.347	166	210060	19.511	ng/u1	0.00
49) Acenaphthylene-d8	14.653	160	230997	18.999	ng/u1	0.00
54) 4-Nitrophenol-d4	15.117	143	33811	20.863	ng/u1	0.00
60) Fluorene-d10	15.940	176	202154	19.023	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.040	200	46688	18.990	ng/u1	0.00
73) Anthracene-d10	17.790	188	349800	19.793	ng/u1	0.00
81) Pyrene-d10	20.052	212	447331	19.792	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.223	264	436210	19.252	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.683	88	7631	7.171	ng/uL#	94
5) Pyridine	4.106	79	53161	17.820	ng/u1#	91
6) Benzaldehyde	7.473	77	31305	23.606	ng/u1	86
8) Phenol	7.502	94	66999	18.636	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.749	93	46781	19.769	ng/u1	99
12) 2-Chlorophenol	7.902	128	41779	19.483	ng/u1	95
13) 2-Methylphenol	8.772	108	50488	18.704	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.877	45	6197m	20.388	ng/u1	
16) Acetophenone	9.171	105	85627	19.014	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.148	70	37675	19.787	ng/u1#	93
18) 4-Methylphenol	9.101	108	55101	18.845	ng/u1	91
19) Hexachloroethane	9.447	117	16496	19.132	ng/u1	90
22) Nitrobenzene	9.559	77	55261	19.703	ng/u1	98
23) Isophorone	10.082	82	119373	18.615	ng/u1	98
25) 2-Nitrophenol	10.282	139	26910	18.877	ng/u1	94
26) 2,4-Dimethylphenol	10.323	107	63392	18.793	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.558	93	62071	18.678	ng/u1	99
29) 2,4-Dichlorophenol	10.810	162	61775	19.709	ng/u1#	87
30) Naphthalene	11.233	128	155570	19.239	ng/u1	99
32) 4-Chloroaniline	11.327	127	69576	18.601	ng/u1#	88
33) Hexachlorobutadiene	11.504	225	53477	18.207	ng/u1	96
34) Caprolactam	12.074	113	19165m	19.125	ng/u1	
35) 4-Chloro-3-methylphenol	12.414	107	58075	19.287	ng/u1	98
36) 2-Methylnaphthalene	12.808	142	122424	18.884	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.025	142	121693	18.634	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.166	216	105105	18.321	ng/ul	98
40) Hexachlorocyclopentadiene	13.143	237	65658	17.652	ng/ul	98
41) 2,4,6-Trichlorophenol	13.396	196	64485	19.071	ng/ul	90
42) 2,4,5-Trichlorophenol	13.466	196	71753	19.572	ng/ul	88
43) 1,1'-Biphenyl	13.795	154	188367	19.154	ng/ul	99
44) 2-Chloronaphthalene	13.842	162	155363	19.060	ng/ul	97
45) 2-Nitroaniline	14.030	65	25446	22.480	ng/ul#	72
47) Dimethylphthalate	14.394	163	207961	19.480	ng/ul	99
48) 2,6-Dinitrotoluene	14.518	165	40999	19.457	ng/ul	99
50) Acenaphthylene	14.682	152	231920	19.194	ng/ul	98
51) 3-Nitroaniline	14.841	138	35653	22.525	ng/ul	100
52) Acenaphthene	15.017	153	163047	19.209	ng/ul	95
53) 2,4-Dinitrophenol	15.047	184	31877	19.435	ng/ul#	88
55) 4-Nitrophenol	15.129	109	33474	21.231	ng/ul	93
56) Dibenzofuran	15.346	168	253889	19.110	ng/ul	99
57) 2,4-Dinitrotoluene	15.293	165	61022	20.883	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.564	232	71019	19.597	ng/ul#	98
59) Diethylphthalate	15.740	149	194699	20.413	ng/ul	99
61) Fluorene	15.993	166	205307	18.812	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.981	204	132872	18.741	ng/ul	99
63) 4-Nitroaniline	15.998	138	39497	26.151	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.057	198	44783	18.999	ng/ul#	95
67) N-Nitrosodiphenylamine	16.186	169	188330	19.435	ng/ul	97
68) 4-Bromophenyl-phenylether	16.868	248	90962	18.760	ng/ul	95
69) Hexachlorobenzene	16.997	284	90906	19.372	ng/ul	96
70) Atrazine	17.121	200	92526	20.026	ng/ul	96
71) Pentachlorophenol	17.332	266	57310	19.209	ng/ul	94
72) Phenanthrene	17.732	178	372110	19.166	ng/ul	99
74) Anthracene	17.826	178	385588	19.400	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.766	216	105920	18.259	ng/ul	93
76) Pentachlorobenzene	15.270	250	107282	18.734	ng/ul	94
77) Carbazole	18.084	167	329293	20.265	ng/ul	98
78) Di-n-butylphthalate	18.619	149	325997	21.958	ng/ul	99
80) Fluoranthene	19.723	202	519063	19.531	ng/ul	99
82) Pyrene	20.082	202	522906	19.504	ng/ul#	97
83) Butylbenzylphthalate	20.946	149	134400	23.557	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.868	252	179829	19.558	ng/ul	94
85) Benzo(a)anthracene	21.968	228	536751	19.216	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.844	149	200339	22.922	ng/ul	99
87) Chrysene	22.044	228	501840	19.359	ng/ul	98
89) Di-n-octyl phthalate	23.143	149	341840	20.722	ng/ul	100
90) Benzo(b)fluoranthene	24.353	252	572752	19.462	ng/ul	98
91) Benzo(k)fluoranthene	24.424	252	546016m	19.014	ng/ul	
93) Benzo(a)pyrene	25.299	252	485218	18.922	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.459	276	626047	18.535	ng/ul	96
95) Dibenzo(a,h)anthracene	29.524	278	527601	18.676	ng/ul	98
96) Benzo(g,h,i)perylene	30.705	276	508178	18.722	ng/ul	100

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

