

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030824\
 Data File : BG060601.D
 Acq On : 8 Mar 2024 15:16
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV412

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 08 16:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 15:23:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	75166	20.000	ng/ul	0.00
20) Naphthalene-d8	11.167	136	363830	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.951	164	253879	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.694	188	533136	20.000	ng/ul	0.00
79) Chrysene-d12	22.019	240	465881	20.000	ng/ul	0.00
88) Perylene-d12	25.573	264	516284	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	14397	7.231	ng/uL	0.00
4) Pyridine-d5	4.046	84	128558	20.635	ng/ul	0.00
7) Phenol-d5	7.430	99	164604	21.251	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	115828	23.067	ng/ul	0.00
11) 2-Chlorophenol-d4	7.835	132	119733	22.109	ng/ul	0.00
15) 4-Methylphenol-d8	9.005	113	132934	22.103	ng/ul	0.00
21) Nitrobenzene-d5	9.522	128	56269	24.254	ng/ul	0.00
24) 2-Nitrophenol-d4	10.238	143	57436	25.114	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.761	165	134062	22.770	ng/ul	0.00
31) 4-Chloroaniline-d4	11.308	131	204405	22.335	ng/ul	0.00
46) Dimethylphthalate-d6	14.345	166	436604	21.692	ng/ul	0.00
49) Acenaphthylene-d8	14.651	160	505040	21.430	ng/ul	0.00
54) 4-Nitrophenol-d4	15.115	143	64595	21.294	ng/ul	0.00
60) Fluorene-d10	15.938	176	377357	21.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	42814	19.785	ng/ul	0.00
73) Anthracene-d10	17.794	188	579938	22.134	ng/ul	0.00
81) Pyrene-d10	20.068	212	630372	22.458	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.321	264	600059	22.462	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.652	88	15958	7.558	ng/uL#	80
5) Pyridine	4.069	79	107638	17.034	ng/ul	94
6) Benzaldehyde	7.465	77	100093	27.268	ng/ul	96
8) Phenol	7.459	94	153681	19.609	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.736	93	118699	19.070	ng/ul	96
12) 2-Chlorophenol	7.871	128	112353	19.816	ng/ul	98
13) 2-Methylphenol	8.740	108	120740	19.774	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.846	45	232537m	18.473	ng/ul	
16) Acetophenone	9.169	105	211190	20.579	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.128	70	107030	21.269	ng/ul	95
18) 4-Methylphenol	9.069	108	134742	20.264	ng/ul	95
19) Hexachloroethane	9.410	117	44640	20.097	ng/ul	88
22) Nitrobenzene	9.563	77	141140	21.776	ng/ul	98
23) Isophorone	10.074	82	312829	20.316	ng/ul	99
25) 2-Nitrophenol	10.274	139	58918	22.371	ng/ul#	94
26) 2,4-Dimethylphenol	10.291	107	120119	16.795	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.556	93	178336	19.916	ng/ul	99
29) 2,4-Dichlorophenol	10.791	162	123725	21.038	ng/ul	99
30) Naphthalene	11.220	128	424970	19.757	ng/ul	98
32) 4-Chloroaniline	11.331	127	183406	20.533	ng/ul	97
33) Hexachlorobutadiene	11.449	225	84630	19.449	ng/ul	98
34) Caprolactam	12.107	113	42150m	20.933	ng/ul	
35) 4-Chloro-3-methylphenol	12.395	107	151082	21.408	ng/ul	91
36) 2-Methylnaphthalene	12.800	142	280524	19.850	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.018	142	279164	19.720	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.141	216	167623	20.059	ng/ul	99
40) Hexachlorocyclopentadiene	13.100	237	76557	15.043	ng/ul	96
41) 2,4,6-Trichlorophenol	13.376	196	104104	20.010	ng/ul	99
42) 2,4,5-Trichlorophenol	13.446	196	111708	20.128	ng/ul	98
43) 1,1'-Biphenyl	13.787	154	410721	20.150	ng/ul	99
44) 2-Chloronaphthalene	13.840	162	308766	19.086	ng/ul	98
45) 2-Nitroaniline	14.052	65	95984	21.720	ng/ul	93
47) Dimethylphthalate	14.392	163	396688	19.364	ng/ul	100
48) 2,6-Dinitrotoluene	14.533	165	73151	24.851	ng/ul	93
50) Acenaphthylene	14.680	152	525418	19.505	ng/ul	99
51) 3-Nitroaniline	14.868	138	81065	23.373	ng/ul	99
52) Acenaphthene	15.015	153	337889	18.897	ng/ul	97
53) 2,4-Dinitrophenol	15.062	184	26190	17.494	ng/ul	98
55) 4-Nitrophenol	15.127	109	56660	19.338	ng/ul	97
56) Dibenzofuran	15.344	168	474973	19.790	ng/ul	98
57) 2,4-Dinitrotoluene	15.309	165	93121	23.282	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.550	232	105253	22.263	ng/ul#	94
59) Diethylphthalate	15.738	149	400528	19.169	ng/ul	97
61) Fluorene	15.991	166	389429	19.586	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.979	204	192322	19.314	ng/ul	96
63) 4-Nitroaniline	16.026	138	81799m	23.678	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.055	198	44246	18.515	ng/ul#	93
67) N-Nitrosodiphenylamine	16.196	169	344365	20.218	ng/ul	95
68) 4-Bromophenyl-phenylether	16.872	248	122789	20.034	ng/ul	94
69) Hexachlorobenzene	16.960	284	144219	19.684	ng/ul	96
70) Atrazine	17.125	200	116480	20.183	ng/ul	93
71) Pentachlorophenol	17.313	266	67746	16.780	ng/ul	97
72) Phenanthrene	17.741	178	607828	19.867	ng/ul	98
74) Anthracene	17.835	178	612384	19.655	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.746	216	162768	20.439	ng/ul	98
76) Pentachlorobenzene	15.239	250	164248	20.034	ng/ul	97
77) Carbazole	18.106	167	533085	19.950	ng/ul	100
78) Di-n-butylphthalate	18.617	149	661132	20.256	ng/ul	99
80) Fluoranthene	19.733	202	668769	20.077	ng/ul	96
82) Pyrene	20.098	202	710685	20.371	ng/ul	99
83) Butylbenzylphthalate	20.961	149	259323	20.210	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.907	252	241512	22.668	ng/ul	96
85) Benzo(a)anthracene	21.995	228	668105	19.310	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.843	149	386103	20.252	ng/ul	98
87) Chrysene	22.066	228	636653	19.328	ng/ul	98
89) Di-n-octyl phthalate	23.176	149	645437	20.107	ng/ul	100
90) Benzo(b)fluoranthene	24.422	252	619000	19.725	ng/ul	98
91) Benzo(k)fluoranthene	24.498	252	628782	19.193	ng/ul	99
93) Benzo(a)pyrene	25.403	252	554450	18.215	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.686	276	738224m	19.635	ng/ul	
95) Dibenzo(a,h)anthracene	29.786	278	616051	20.052	ng/ul	95
96) Benzo(g,h,i)perylene	31.002	276	574989	19.047	ng/ul	99

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

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