

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
 Data File : BG056845.D
 Acq On : 6 Mar 2023 17:25
 Operator : CG/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020458

Manual Integrations

APPROVED

Reviewed By :Christian
 Giraldo

03/07/2023

Supervised By :Jagrut
 Upadhyay

03/07/2023

Quant Time: Mar 06 18:09:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	18068	20.000	ng/u1	0.00
20) Naphthalene-d8	11.255	136	77104	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.021	164	56117	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.759	188	132218	20.000	ng/u1	0.00
79) Chrysene-d12	22.066	240	111676	20.000	ng/u1	0.00
88) Perylene-d12	25.597	264	122366	20.000	ng/u1	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.699	96	3211	9.858	ng/uL	0.00
4) Pyridine-d5	4.140	84	27042	20.569	ng/u1	0.00
7) Phenol-d5	7.541	99	37531	20.758	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	21925	19.880	ng/u1	0.00
11) 2-Chlorophenol-d4	7.941	132	24021	20.006	ng/u1	0.00
15) 4-Methylphenol-d8	9.110	113	26911	19.479	ng/u1	0.00
21) Nitrobenzene-d5	9.592	128	13062	20.215	ng/u1	0.00
24) 2-Nitrophenol-d4	10.321	143	15649	20.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	31139	21.490	ng/u1	0.00
31) 4-Chloroaniline-d4	11.378	131	38085	20.152	ng/u1	0.00
46) Dimethylphthalate-d6	14.410	166	91628	20.237	ng/u1	0.00
49) Acenaphthylene-d8	14.721	160	108191	21.025	ng/u1	0.00
54) 4-Nitrophenol-d4	15.185	143	13603	17.426	ng/u1	0.00
60) Fluorene-d10	16.002	176	85761	20.477	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.108	200	14071	15.907	ng/u1	0.00
73) Anthracene-d10	17.853	188	129378	20.170	ng/u1	0.00
81) Pyrene-d10	20.115	212	145916	19.309	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.344	264	136024	20.595	ng/u1	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.740	88	3347	8.334	ng/uL#	80
5) Pyridine	4.157	79	29152	20.938	ng/u1	98
6) Benzaldehyde	7.541	77	22966	24.245	ng/u1	98
8) Phenol	7.571	94	37199	20.170	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.818	93	26965	20.578	ng/u1	98
12) 2-Chlorophenol	7.976	128	24207	20.358	ng/u1	96
13) 2-Methylphenol	8.846	108	27001	19.410	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.934	45	35694	20.271	ng/u1	95
16) Acetophenone	9.245	105	47489	20.073	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.216	70	26830	19.765	ng/u1	96
18) 4-Methylphenol	9.175	108	30192	19.974	ng/u1	96
19) Hexachloroethane	9.527	117	10806	21.371	ng/u1#	81
22) Nitrobenzene	9.633	77	41151	21.962	ng/u1	98
23) Isophorone	10.156	82	72850	19.887	ng/u1	97
25) 2-Nitrophenol	10.356	139	15216	20.041	ng/u1#	85
26) 2,4-Dimethylphenol	10.391	107	35551	20.966	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.632	93	36789	19.869	ng/u1	99
29) 2,4-Dichlorophenol	10.890	162	30574	21.789	ng/u1	97
30) Naphthalene	11.308	128	87956	20.724	ng/u1	97
32) 4-Chloroaniline	11.402	127	37838	20.211	ng/u1	92
33) Hexachlorobutadiene	11.584	225	24102	21.552	ng/u1#	90
34) Caprolactam	12.142	113	8764	18.372	ng/u1	91
35) 4-Chloro-3-methylphenol	12.489	107	31470	19.522	ng/u1	98
36) 2-Methylnaphthalene	12.876	142	62865	20.683	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.094	142	61606	20.557	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.235	216	47098	23.672	ng/ul	99
40) Hexachlorocyclopentadiene	13.211	237	22113	15.511	ng/ul	97
41) 2,4,6-Trichlorophenol	13.464	196	28315	21.299	ng/ul#	97
42) 2,4,5-Trichlorophenol	13.534	196	31886	22.089	ng/ul	87
43) 1,1'-Biphenyl	13.863	154	89419	21.669	ng/ul	98
44) 2-Chloronaphthalene	13.910	162	75229	22.034	ng/ul	98
45) 2-Nitroaniline	14.098	65	25711	21.695	ng/ul	93
47) Dimethylphthalate	14.457	163	90543	19.664	ng/ul#	99
48) 2,6-Dinitrotoluene	14.580	165	18472	19.571	ng/ul	88
50) Acenaphthylene	14.751	152	111021	21.356	ng/ul	98
51) 3-Nitroaniline	14.909	138	17426	20.629	ng/ul#	92
52) Acenaphthene	15.086	153	75412	21.117	ng/ul	99
53) 2,4-Dinitrophenol	15.115	184	8205	13.569	ng/ul	91
55) 4-Nitrophenol	15.197	109	17096	18.920	ng/ul	97
56) Dibenzofuran	15.415	168	112422	20.738	ng/ul	97
57) 2,4-Dinitrotoluene	15.362	165	26483	19.571	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.632	232	26358	19.622	ng/ul#	97
59) Diethylphthalate	15.802	149	89514	19.422	ng/ul	99
61) Fluorene	16.061	166	87535	20.165	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.037	204	53317	20.737	ng/ul	97
63) 4-Nitroaniline	16.067	138	15441	18.708	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.125	198	14094	16.550	ng/ul#	94
67) N-Nitrosodiphenylamine	16.249	169	74180	20.176	ng/ul	98
68) 4-Bromophenyl-phenylether	16.930	248	35501	21.188	ng/ul	97
69) Hexachlorobenzene	17.060	284	37639	20.909	ng/ul	99
70) Atrazine	17.177	200	31539	19.751	ng/ul	97
71) Pentachlorophenol	17.400	266	23207	22.704	ng/ul	97
72) Phenanthrene	17.800	178	144791	20.217	ng/ul	98
74) Anthracene	17.888	178	144966	20.029	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.834	216	48473	23.964	ng/uL	95
76) Pentachlorobenzene	15.338	250	47513	23.160	ng/uL	94
77) Carbazole	18.153	167	123521	20.397	ng/ul	97
78) Di-n-butylphthalate	18.675	149	142176	20.370	ng/ul	100
80) Fluoranthene	19.780	202	173873	19.029	ng/ul	100
82) Pyrene	20.144	202	173769	19.304	ng/ul	100
83) Butylbenzylphthalate	20.996	149	55392	19.397	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.936	252	62244	22.230	ng/ul	97
85) Benzo(a)anthracene	22.042	228	167361	20.591	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.901	149	83029	20.697	ng/ul	100
87) Chrysene	22.113	228	155360	20.523	ng/ul	97
89) Di-n-octyl phthalate	23.211	149	134854	20.271	ng/ul	100
90) Benzo(b)fluoranthene	24.463	252	168855	20.613	ng/ul	99
91) Benzo(k)fluoranthene	24.533	252	161980	20.301	ng/ul	100
93) Benzo(a)pyrene	25.420	252	146960	20.409	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.651	276	198083m	20.250	ng/ul	
95) Dibenzo(a,h)anthracene	29.727	278	166074	20.306	ng/ul#	91
96) Benzo(g,h,i)perylene	30.920	276	160605m	20.555	ng/ul	

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

