

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056090.D
 Acq On : 24 Dec 2022 15:05
 Operator : CG/JU
 Sample : SSTD01042
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD010443

Quant Time: Dec 24 21:48:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 18:26:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.344	152	27255	20.000	ng/ul	0.00
20) Naphthalene-d8	11.182	136	98892	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.954	164	94197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.692	188	275852	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.993	240	313003	20.000	ng/ul	# 0.00
88) Perylene-d12	25.465	264	348622	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	2807m	4.311	ng/uL	0.00
4) Pyridine-d5	4.090	84	21593	10.171	ng/ul	0.00
7) Phenol-d5	7.474	99	24368	9.856	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.651	67	9819	10.077	ng/ul	0.00
11) 2-Chlorophenol-d4	7.868	132	13745	9.407	ng/ul	0.00
15) 4-Methylphenol-d8	9.031	113	17352	9.326	ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	7623	10.583	ng/ul	0.00
24) 2-Nitrophenol-d4	10.247	143	9540	10.138	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.788	165	21496	10.279	ng/ul	0.00
31) 4-Chloroaniline-d4	11.299	131	24151	10.210	ng/ul	0.00
46) Dimethylphthalate-d6	14.343	166	74657	10.240	ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	85738	10.414	ng/ul	0.00
54) 4-Nitrophenol-d4	15.112	143	10653	9.707	ng/ul	0.00
60) Fluorene-d10	15.935	176	75829	10.537	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.041	200	17420	9.824	ng/ul	0.00
73) Anthracene-d10	17.792	188	133163	10.446	ng/ul	0.00
81) Pyrene-d10	20.054	212	177789	10.285	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.224	264	181839	10.262	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	3566m	5.090	ng/uL	
5) Pyridine	4.114	79	20341m	9.940	ng/ul	
6) Benzaldehyde	7.474	77	9829	10.829	ng/ul#	87
8) Phenol	7.498	94	23574	9.581	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.750	93	16196	10.000	ng/ul	96
12) 2-Chlorophenol	7.909	128	14564	9.923	ng/ul	97
13) 2-Methylphenol	8.773	108	17421	9.430	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.879	45	1872m	8.999	ng/ul	
16) Acetophenone	9.172	105	30411	9.867	ng/ul#	91
17) N-Nitroso-di-n-propyla...	9.149	70	12664	9.718	ng/ul#	96
18) 4-Methylphenol	9.102	108	18649	9.319	ng/ul	95
19) Hexachloroethane	9.448	117	6053	10.258	ng/ul#	82
22) Nitrobenzene	9.560	77	18068	10.109	ng/ul#	93
23) Isophorone	10.083	82	41988	10.275	ng/ul	96
25) 2-Nitrophenol	10.283	139	9151	10.074	ng/ul#	91
26) 2,4-Dimethylphenol	10.324	107	22171	10.314	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.559	93	22173	10.470	ng/ul#	90
29) 2,4-Dichlorophenol	10.817	162	19576	9.801	ng/ul	98
30) Naphthalene	11.229	128	53637	10.409	ng/ul	97
32) 4-Chloroaniline	11.323	127	24505	10.281	ng/ul	100
33) Hexachlorobutadiene	11.511	225	20386	10.892	ng/ul	97
34) Caprolactam	12.069	113	7067m	11.699	ng/ul	
35) 4-Chloro-3-methylphenol	12.410	107	20038	10.443	ng/ul	93
36) 2-Methylnaphthalene	12.809	142	44116	10.679	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.027	142	44584	10.713	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.168	216	41270	10.623	ng/ul	94
40) Hexachlorocyclopentadiene	13.144	237	23973	9.517	ng/ul	93
41) 2,4,6-Trichlorophenol	13.391	196	23029	10.058	ng/ul	96
42) 2,4,5-Trichlorophenol	13.467	196	25263	10.176	ng/ul	94
43) 1,1'-Biphenyl	13.796	154	70157	10.535	ng/ul	98
44) 2-Chloronaphthalene	13.843	162	56782	10.287	ng/ul	97
45) 2-Nitroaniline	14.031	65	6913	9.019	ng/ul	94
47) Dimethylphthalate	14.390	163	74429	10.295	ng/ul	97
48) 2,6-Dinitrotoluene	14.513	165	14575	10.214	ng/ul#	84
50) Acenaphthylene	14.683	152	85252	10.419	ng/ul	99
51) 3-Nitroaniline	14.842	138	11296	10.539	ng/ul	95
52) Acenaphthene	15.018	153	61314	10.667	ng/ul	93
53) 2,4-Dinitrophenol	15.048	184	10793	9.717	ng/ul	92
55) 4-Nitrophenol	15.130	109	9269	8.682	ng/ul	89
56) Dibenzofuran	15.347	168	95155	10.576	ng/ul	94
57) 2,4-Dinitrotoluene	15.294	165	20681	10.451	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.565	232	24803	10.107	ng/ul#	94
59) Diethylphthalate	15.741	149	67937	10.519	ng/ul	98
61) Fluorene	15.994	166	78001	10.554	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.976	204	51740	10.776	ng/ul	99
63) 4-Nitroaniline	15.994	138	8910	8.712	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.052	198	16897	9.939	ng/ul#	93
67) N-Nitrosodiphenylamine	16.188	169	72028	10.305	ng/ul	98
68) 4-Bromophenyl-phenylether	16.869	248	35907	10.267	ng/ul	96
69) Hexachlorobenzene	16.993	284	35051	10.355	ng/ul	97
70) Atrazine	17.122	200	33928	10.181	ng/ul	95
71) Pentachlorophenol	17.333	266	19509	9.066	ng/ul	94
72) Phenanthrene	17.733	178	146254	10.444	ng/ul	96
74) Anthracene	17.821	178	150289	10.483	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.767	216	41262	9.861	ng/uL	95
76) Pentachlorobenzene	15.271	250	42669	10.330	ng/uL	92
77) Carbazole	18.085	167	123394	10.528	ng/ul	99
78) Di-n-butylphthalate	18.620	149	105717	9.872	ng/ul	97
80) Fluoranthene	19.725	202	211643	10.412	ng/ul#	98
82) Pyrene	20.083	202	214925	10.481	ng/ul	99
83) Butylbenzylphthalate	20.947	149	40053	9.179	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.869	252	76248	10.842	ng/ul	95
85) Benzo(a)anthracene	21.969	228	223440	10.459	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.846	149	60721	9.083	ng/ul	97
87) Chrysene	22.040	228	208110	10.496	ng/ul	98
89) Di-n-octyl phthalate	23.138	149	110013	8.527	ng/ul	100
90) Benzo(b)fluoranthene	24.349	252	234735	10.199	ng/ul	95
91) Benzo(k)fluoranthene	24.425	252	236098	10.519	ng/ul	97
93) Benzo(a)pyrene	25.295	252	210948	10.519	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.449	276	274269	10.393	ng/ul	98
95) Dibenzo(a,h)anthracene	29.525	278	231418	10.475	ng/ul	99
96) Benzo(g,h,i)perylene	30.700	276	218788	10.323	ng/ul	97

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

