

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
 Data File : BG062361.D
 Acq On : 12 Aug 2024 11:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020451

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 12:31:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:00:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	42149	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	198953	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	159183	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	380419	20.000	ng/ul	0.00
79) Chrysene-d12	21.558	240	369124	20.000	ng/ul	0.00
88) Perylene-d12	24.648	264	423892	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	8067	8.253	ng/uL	-0.01
4) Pyridine-d5	3.817	84	60195	19.574	ng/ul	-0.01
7) Phenol-d5	7.107	99	71373	17.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	46236	18.670	ng/ul	0.00
11) 2-Chlorophenol-d4	7.483	132	51078	17.721	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	60624	18.092	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	18950	15.447	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	17360	15.043	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	60719	18.115	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	91554	18.832	ng/ul	0.00
46) Dimethylphthalate-d6	13.980	166	222671	18.131	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	250284	17.974	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	29921	17.402	ng/ul	0.00
60) Fluorene-d10	15.566	176	208995	18.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	20369	18.080	ng/ul	0.00
73) Anthracene-d10	17.411	188	337712	18.406	ng/ul	0.00
81) Pyrene-d10	19.696	212	405521	18.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.431	264	408018	18.006	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.453	88	8858	8.027	ng/uL	89
5) Pyridine	3.841	79	64173	20.076	ng/ul	97
6) Benzaldehyde	7.089	77	47903	22.531	ng/ul	95
8) Phenol	7.136	94	73685	17.358	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.377	93	57398	18.245	ng/ul	91
12) 2-Chlorophenol	7.518	128	53852	17.585	ng/ul	95
13) 2-Methylphenol	8.388	108	58923	18.409	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.476	45	121924	18.969	ng/ul	99
16) Acetophenone	8.769	105	100520	18.837	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.758	70	53024	18.697	ng/ul	94
18) 4-Methylphenol	8.711	108	66105	18.443	ng/ul	99
19) Hexachloroethane	9.040	117	21319	18.733	ng/ul	91
22) Nitrobenzene	9.145	77	57528	16.490	ng/ul	94
23) Isophorone	9.668	82	151786	18.086	ng/ul	100
25) 2-Nitrophenol	9.856	139	21301	15.217	ng/ul	97
26) 2,4-Dimethylphenol	9.915	107	72951	18.207	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.156	93	89011	18.807	ng/ul	99
29) 2,4-Dichlorophenol	10.391	162	63328	18.642	ng/ul	99
30) Naphthalene	10.796	128	210318	18.598	ng/ul	99
32) 4-Chloroaniline	10.896	127	89647	18.867	ng/ul	100
33) Hexachlorobutadiene	11.090	225	45493	17.694	ng/ul	97
34) Caprolactam	11.636	113	23908m	20.120	ng/ul	
35) 4-Chloro-3-methylphenol	12.018	107	75797	19.883	ng/ul	98
36) 2-Methylnaphthalene	12.406	142	152698	19.599	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	156143	19.344	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.770	216	95383	18.353	ng/ul	97
40) Hexachlorocyclopentadiene	12.758	237	40930	20.265	ng/ul	99
41) 2,4,6-Trichlorophenol	13.005	196	55183	18.307	ng/ul	95
42) 2,4,5-Trichlorophenol	13.070	196	59804	18.415	ng/ul	94
43) 1,1'-Biphenyl	13.410	154	219615	18.209	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	171150	18.263	ng/ul	97
45) 2-Nitroaniline	13.645	65	37014	15.508	ng/ul	96
47) Dimethylphthalate	14.027	163	226852	18.412	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	24906	14.805	ng/ul	95
50) Acenaphthylene	14.297	152	268190	18.075	ng/ul	99
51) 3-Nitroaniline	14.468	138	30828	16.098	ng/ul	98
52) Acenaphthene	14.638	153	199440	18.054	ng/ul	99
53) 2,4-Dinitrophenol	14.673	184	13691	20.468	ng/ul#	70
55) 4-Nitrophenol	14.767	109	27261	17.725	ng/ul	99
56) Dibenzofuran	14.973	168	284384	18.635	ng/ul	99
57) 2,4-Dinitrotoluene	14.926	165	40093	17.374	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.196	232	56040	19.163	ng/ul#	98
59) Diethylphthalate	15.396	149	229874	18.477	ng/ul	99
61) Fluorene	15.619	166	223685	18.746	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.619	204	114620	18.631	ng/ul	95
63) 4-Nitroaniline	15.625	138	35749	19.370	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.690	198	22789	17.555	ng/ul#	97
67) N-Nitrosodiphenylamine	15.825	169	202389	17.754	ng/ul	97
68) 4-Bromophenyl-phenylether	16.512	248	78195	18.041	ng/ul	95
69) Hexachlorobenzene	16.624	284	89902	17.830	ng/ul	96
70) Atrazine	16.776	200	82682	18.932	ng/ul	99
71) Pentachlorophenol	16.964	266	48587	18.300	ng/ul	96
72) Phenanthrene	17.358	178	389712	18.201	ng/ul	99
74) Anthracene	17.446	178	402660	18.323	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	98976	17.372	ng/ul	96
76) Pentachlorobenzene	14.891	250	101122	16.965	ng/ul	97
77) Carbazole	17.710	167	327831	18.190	ng/ul	100
78) Di-n-butylphthalate	18.286	149	395457	18.441	ng/ul	99
80) Fluoranthene	19.361	202	459455	18.521	ng/ul	98
82) Pyrene	19.725	202	492258	18.633	ng/ul	99
83) Butylbenzylphthalate	20.618	149	166464	18.257	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.458	252	161113	19.390	ng/ul	100
85) Benzo(a)anthracene	21.535	228	488678	18.077	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.470	149	250891	17.829	ng/ul	97
87) Chrysene	21.599	228	459458	18.004	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	425562	17.624	ng/ul	100
90) Benzo(b)fluoranthene	23.673	252	465803	18.065	ng/ul	98
91) Benzo(k)fluoranthene	23.732	252	460464	17.553	ng/ul	98
93) Benzo(a)pyrene	24.501	252	443102	18.161	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.131	276	566937	17.931	ng/ul	97
95) Dibenzo(a,h)anthracene	28.202	278	456911	17.694	ng/ul	98
96) Benzo(g,h,i)perylene	29.224	276	435085	18.122	ng/ul	98

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