

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052698.D
 Acq On : 17 Mar 2022 18:57
 Operator : CG/JU
 Sample : SSTD08018
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD080418

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022

Supervised By :Yogesh Patel 03/24/2022

Quant Time: Mar 17 23:54:14 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 17 23:52:29 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	43211	20.000	ng/u1	0.00
20) Naphthalene-d8	10.968	136	173254	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.775	164	119184	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.518	188	281445	20.000	ng/u1	0.00
79) Chrysene-d12	21.807	240	272173	20.000	ng/u1	0.00
88) Perylene-d12	25.137	264	283492	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.567	96	39307	35.684	ng/uL	0.00
4) Pyridine-d5	3.984	84	251721	75.748	ng/u1	0.00
7) Phenol-d5	7.303	99	313081	76.409	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.473	67	191746	80.076	ng/u1	0.00
11) 2-Chlorophenol-d4	7.685	132	216734	75.309	ng/u1	0.00
15) 4-Methylphenol-d8	8.854	113	228683	71.731	ng/u1	0.00
21) Nitrobenzene-d5	9.318	128	105536	71.454	ng/u1	0.00
24) 2-Nitrophenol-d4	10.040	143	116908	72.264	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	236315	78.331	ng/u1	0.00
31) 4-Chloroaniline-d4	11.092	131	299165	71.557	ng/u1	0.00
46) Dimethylphthalate-d6	14.176	166	723995	74.725	ng/u1	0.00
49) Acenaphthylene-d8	14.470	160	868341	72.600	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	128113	83.179	ng/u1	0.02
60) Fluorene-d10	15.768	176	617912	72.597	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	123782	69.363	ng/u1	0.01
73) Anthracene-d10	17.618	188	978756	71.985	ng/u1	0.00
81) Pyrene-d10	19.897	212	1200738	75.394	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.908	264	1204488	79.195	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.602	88	40540	31.633	ng/uL	92
5) Pyridine	4.001	79	267969	79.869	ng/u1	93
6) Benzaldehyde	7.285	77	155259m	66.725	ng/u1	
8) Phenol	7.326	94	296676	71.588	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.567	93	225096	73.433	ng/u1	96
12) 2-Chlorophenol	7.714	128	210987	70.368	ng/u1	95
13) 2-Methylphenol	8.583	108	231792	73.889	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.677	45	359618	85.719	ng/u1	98
16) Acetophenone	8.977	105	339301	69.079	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.971	70	195929	67.756	ng/u1	98
18) 4-Methylphenol	8.918	108	240969	72.228	ng/u1	92
19) Hexachloroethane	9.247	117	95618	81.565	ng/u1	95
22) Nitrobenzene	9.359	77	293652	77.557	ng/u1	93
23) Isophorone	9.893	82	565005	77.351	ng/u1	98
25) 2-Nitrophenol	10.070	139	121362	71.386	ng/u1	96
26) 2,4-Dimethylphenol	10.128	107	268816	76.877	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.363	93	311459	78.782	ng/u1	98
29) 2,4-Dichlorophenol	10.610	162	223540	78.324	ng/u1	99
30) Naphthalene	11.021	128	684899	71.056	ng/u1	98
32) 4-Chloroaniline	11.115	127	292417	68.180	ng/u1	98
33) Hexachlorobutadiene	11.309	225	181995	80.814	ng/u1	98
34) Caprolactam	11.897	113	71068m	66.935	ng/u1	
35) 4-Chloro-3-methylphenol	12.226	107	249623	78.308	ng/u1	91
36) 2-Methylnaphthalene	12.613	142	487055	70.519	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.831	142	482456	68.640	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.977	216	308753	73.816	ng/ul	98
40) Hexachlorocyclopentadiene	12.966	237	225898	111.563	ng/ul	99
41) 2,4,6-Trichlorophenol	13.212	196	203008	80.928	ng/ul	99
42) 2,4,5-Trichlorophenol	13.283	196	215509	80.601	ng/ul	97
43) 1,1'-Biphenyl	13.612	154	642828	67.833	ng/ul	98
44) 2-Chloronaphthalene	13.653	162	518430	71.934	ng/ul	97
45) 2-Nitroaniline	13.847	65	178972	76.034	ng/ul	99
47) Dimethylphthalate	14.223	163	662334	69.933	ng/ul	97
48) 2,6-Dinitrotoluene	14.340	165	139280	67.154	ng/ul	94
50) Acenaphthylene	14.499	152	816323	68.298	ng/ul	99
51) 3-Nitroaniline	14.669	138	124325	73.606	ng/ul	99
52) Acenaphthene	14.840	153	547224	69.616	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	83930	81.836	ng/ul#	63
55) 4-Nitrophenol	14.963	109	133851	89.606	ng/ul	98
56) Dibenzofuran	15.174	168	792275	70.113	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	192004	63.910	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.392	232	202070	83.387	ng/ul#	99
59) Diethylphthalate	15.586	149	699834	73.098	ng/ul	97
61) Fluorene	15.821	166	645566	67.917	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.809	204	354451	68.519	ng/ul	99
63) 4-Nitroaniline	15.832	138	119060	73.416	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.891	198	121497	70.249	ng/ul#	99
67) N-Nitrosodiphenylamine	16.020	169	581643	73.349	ng/ul	97
68) 4-Bromophenyl-phenylether	16.702	248	229730	68.008	ng/ul	96
69) Hexachlorobenzene	16.825	284	283793	73.218	ng/ul	96
70) Atrazine	16.972	200	256399	73.366	ng/ul	98
71) Pentachlorophenol	17.166	266	189088m	108.312	ng/ul	
72) Phenanthrene	17.559	178	1128233	74.430	ng/ul	97
74) Anthracene	17.653	178	1088127	71.322	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.582	216	340695	76.523	ng/ul	96
76) Pentachlorobenzene	15.098	250	319520	75.171	ng/ul	97
77) Carbazole	17.912	167	1021316	75.370	ng/ul	97
78) Di-n-butylphthalate	18.476	149	1187663	73.696	ng/ul	98
80) Fluoranthene	19.563	202	1421964	75.625	ng/ul	98
82) Pyrene	19.927	202	1356367	72.642	ng/ul	99
83) Butylbenzylphthalate	20.808	149	544060	80.601	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.695	252	496551	82.590	ng/ul	95
85) Benzo(a)anthracene	21.789	228	1372960	74.446	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.695	149	725152	76.641	ng/ul	99
87) Chrysene	21.860	228	1307509	73.951	ng/ul	98
89) Di-n-octyl phthalate	22.946	149	1242169	75.774	ng/ul	100
90) Benzo(b)fluoranthene	24.080	252	1459690	73.851	ng/ul	98
91) Benzo(k)fluoranthene	24.151	252	1360918	74.648	ng/ul	97
93) Benzo(a)pyrene	24.985	252	1383540	74.408	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.950	276	1612258	76.253	ng/ul	99
95) Dibenzo(a,h)anthracene	29.020	278	1334210	73.922	ng/ul	98
96) Benzo(g,h,i)perylene	30.148	276	1356100	76.390	ng/ul	98

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

