

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
 Data File : BG051414.D
 Acq On : 8 Dec 2021 19:45
 Operator : CG/JU
 Sample : SSTD04031
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD040431

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021

Supervised By :Yogesh Patel 12/16/2021

Quant Time: Dec 09 02:17:43 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 09 02:14:28 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.185	152	24564	20.000	ng/u1	0.00
20) Naphthalene-d8	11.017	136	113431	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.824	164	75162	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.574	188	169655	20.000	ng/u1	0.00
79) Chrysene-d12	21.875	240	141496	20.000	ng/u1	0.00
88) Perylene-d12	25.277	264	141237	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	12017	17.000	ng/uL	0.00
4) Pyridine-d5	3.961	84	87479	42.175	ng/u1	0.00
7) Phenol-d5	7.357	99	102004	42.016	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.503	67	64827	42.517	ng/u1	0.00
11) 2-Chlorophenol-d4	7.721	132	73769	42.197	ng/u1	0.00
15) 4-Methylphenol-d8	8.914	113	79798	40.732	ng/u1	0.00
21) Nitrobenzene-d5	9.366	128	39008	40.738	ng/u1	0.00
24) 2-Nitrophenol-d4	10.095	143	45651	42.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	75619	41.263	ng/u1	0.00
31) 4-Chloroaniline-d4	11.158	131	106812	39.833	ng/u1	0.00
46) Dimethylphthalate-d6	14.219	166	234346	40.521	ng/u1	0.00
49) Acenaphthylene-d8	14.519	160	297079	40.737	ng/u1	0.00
54) 4-Nitrophenol-d4	15.059	143	35508	37.931	ng/u1	0.00
60) Fluorene-d10	15.811	176	208380	40.013	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	41961	40.082	ng/u1	0.00
73) Anthracene-d10	17.674	188	320720	39.527	ng/u1	0.00
81) Pyrene-d10	19.954	212	367150	42.883	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.048	264	310062	41.106	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.567	88	12891	16.170	ng/uL	95
5) Pyridine	3.978	79	91105	42.210	ng/u1	95
6) Benzaldehyde	7.327	77	70046	45.305	ng/u1	94
8) Phenol	7.386	94	104393	41.508	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.597	93	79397	41.728	ng/u1	99
12) 2-Chlorophenol	7.756	128	74793	41.983	ng/u1	98
13) 2-Methylphenol	8.643	108	78203	41.745	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.708	45	118891	43.301	ng/u1	96
16) Acetophenone	9.019	105	126256	41.665	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.996	70	74255	42.642	ng/u1	99
18) 4-Methylphenol	8.972	108	83079	41.473	ng/u1	98
19) Hexachloroethane	9.272	117	32034	42.572	ng/u1	97
22) Nitrobenzene	9.413	77	105684	42.093	ng/u1	94
23) Isophorone	9.930	82	206199	42.272	ng/u1	100
25) 2-Nitrophenol	10.124	139	46041	41.153	ng/u1	99
26) 2,4-Dimethylphenol	10.177	107	95535	41.766	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.406	93	112047	41.609	ng/u1	98
29) 2,4-Dichlorophenol	10.676	162	72806	40.358	ng/u1	98
30) Naphthalene	11.070	128	247622	40.120	ng/u1	99
32) 4-Chloroaniline	11.181	127	108014	40.124	ng/u1	98
33) Hexachlorobutadiene	11.328	225	47530	38.198	ng/u1	98
34) Caprolactam	11.957	113	29685m	41.857	ng/u1	
35) 4-Chloro-3-methylphenol	12.304	107	90191	41.619	ng/u1	99
36) 2-Methylnaphthalene	12.662	142	166685	39.705	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.879	142	172778	40.003	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.020	216	94083	39.872	ng/ul	97
40) Hexachlorocyclopentadiene	12.985	237	39833	41.764	ng/ul	99
41) 2,4,6-Trichlorophenol	13.267	196	63171	42.661	ng/ul	98
42) 2,4,5-Trichlorophenol	13.355	196	64851	41.822	ng/ul	96
43) 1,1'-Biphenyl	13.655	154	224693	40.025	ng/ul	97
44) 2-Chloronaphthalene	13.708	162	177800	39.815	ng/ul	99
45) 2-Nitroaniline	13.919	65	68811	44.523	ng/ul	97
47) Dimethylphthalate	14.266	163	234698	40.093	ng/ul	99
48) 2,6-Dinitrotoluene	14.407	165	51838	42.157	ng/ul	90
50) Acenaphthylene	14.548	152	288670	40.065	ng/ul	99
51) 3-Nitroaniline	14.742	138	52301	43.030	ng/ul	96
52) Acenaphthene	14.889	153	191636	40.330	ng/ul	97
53) 2,4-Dinitrophenol	14.965	184	21338	31.395	ng/ul#	85
55) 4-Nitrophenol	15.071	109	31864	39.238	ng/ul	95
56) Dibenzofuran	15.218	168	268935	39.239	ng/ul	98
57) 2,4-Dinitrotoluene	15.200	165	72224	41.124	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.453	232	51778	42.522	ng/ul	98
59) Diethylphthalate	15.617	149	250740	40.807	ng/ul	99
61) Fluorene	15.870	166	217178	39.560	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.852	204	114348	38.650	ng/ul	94
63) 4-Nitroaniline	15.911	138	47910	40.506	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.970	198	40892	40.502	ng/ul#	96
67) N-Nitrosodiphenylamine	16.070	169	194567	40.060	ng/ul	97
68) 4-Bromophenyl-phenylether	16.746	248	71943	39.566	ng/ul	94
69) Hexachlorobenzene	16.875	284	72510	39.108	ng/ul	99
70) Atrazine	17.016	200	83941	41.123	ng/ul	99
71) Pentachlorophenol	17.233	266	26557	32.325	ng/ul	99
72) Phenanthrene	17.615	178	374090	39.936	ng/ul	99
74) Anthracene	17.709	178	371073	39.887	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.626	216	99760	40.313	ng/uL	99
76) Pentachlorobenzene	15.142	250	91448	39.661	ng/uL	99
77) Carbazole	17.985	167	335351	41.067	ng/ul	99
78) Di-n-butylphthalate	18.502	149	439930	41.782	ng/ul	99
80) Fluoranthene	19.619	202	454255	43.198	ng/ul	98
82) Pyrene	19.983	202	437555	42.538	ng/ul	98
83) Butylbenzylphthalate	20.841	149	187022	43.734	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.757	252	135889	41.249	ng/ul	99
85) Benzo(a)anthracene	21.857	228	397288	41.397	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.710	149	265648	43.169	ng/ul	99
87) Chrysene	21.928	228	377392	40.934	ng/ul	99
89) Di-n-octyl phthalate	22.974	149	443384	43.332	ng/ul	100
90) Benzo(b)fluoranthene	24.190	252	393804	41.316	ng/ul	98
91) Benzo(k)fluoranthene	24.260	252	357946	40.018	ng/ul	99
93) Benzo(a)pyrene	25.124	252	369162	40.597	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.207	276	414272	40.712	ng/ul	98
95) Dibenzo(a,h)anthracene	29.254	278	349244	40.456	ng/ul	97
96) Benzo(g,h,i)perylene	30.435	276	344931	40.289	ng/ul	98

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

