

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051353.D
 Acq On : 6 Dec 2021 16:59
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020576

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 06 17:48:26 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 03 15:23:09 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	23950	20.000	ng/u1	0.00
20) Naphthalene-d8	11.020	136	106399	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.827	164	75551	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.577	188	175821	20.000	ng/u1	0.00
79) Chrysene-d12	21.878	240	150962	20.000	ng/u1	0.00
88) Perylene-d12	25.274	264	151373	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	5104	7.406	ng/uL	-0.02
4) Pyridine-d5	3.958	84	35179	17.395	ng/u1	-0.02
7) Phenol-d5	7.354	99	43900	18.546	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	27991	18.829	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	32938	19.324	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	36601	19.161	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	17617	19.614	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	20166	19.904	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	34052	19.809	ng/u1	0.00
31) 4-Chloroaniline-d4	11.161	131	49572	19.708	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	113972	19.606	ng/u1	0.00
49) Acenaphthylene-d8	14.522	160	142688	19.465	ng/u1	0.00
54) 4-Nitrophenol-d4	15.051	143	17824	18.942	ng/u1	0.00
60) Fluorene-d10	15.814	176	101596	19.408	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	19160	17.660	ng/u1	0.00
73) Anthracene-d10	17.677	188	167902	19.967	ng/u1	0.00
81) Pyrene-d10	19.957	212	187323	20.508	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.039	264	155074	19.182	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	5626	7.238	ng/uL	90
5) Pyridine	3.981	79	38614	18.349	ng/u1	99
6) Benzaldehyde	7.324	77	33346	22.121	ng/u1	96
8) Phenol	7.383	94	46035	18.773	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.601	93	34952	18.841	ng/u1	94
12) 2-Chlorophenol	7.759	128	33577	19.331	ng/u1	92
13) 2-Methylphenol	8.641	108	33771	18.489	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.711	45	51722	19.321	ng/u1	98
16) Acetophenone	9.022	105	56620	19.164	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.993	70	34033	20.045	ng/u1	98
18) 4-Methylphenol	8.975	108	37559	19.230	ng/u1	94
19) Hexachloroethane	9.275	117	13615	18.558	ng/u1	93
22) Nitrobenzene	9.410	77	47199	20.041	ng/u1	98
23) Isophorone	9.927	82	92229	20.157	ng/u1	100
25) 2-Nitrophenol	10.127	139	20588	19.618	ng/u1	95
26) 2,4-Dimethylphenol	10.180	107	42884	19.987	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.409	93	49405	19.559	ng/u1	96
29) 2,4-Dichlorophenol	10.673	162	33169	19.602	ng/u1	96
30) Naphthalene	11.067	128	112540	19.439	ng/u1	97
32) 4-Chloroaniline	11.185	127	50232	19.893	ng/u1	97
33) Hexachlorobutadiene	11.331	225	22547	19.318	ng/u1	98
34) Caprolactam	11.966	113	14027	21.086	ng/u1	97
35) 4-Chloro-3-methylphenol	12.301	107	40676	20.011	ng/u1	95
36) 2-Methylnaphthalene	12.665	142	78288	19.881	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.883	142	80288	19.818	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.024	216	44374	18.709	ng/ul	97
40) Hexachlorocyclopentadiene	12.988	237	21025	21.931	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.270	196	29006	19.488	ng/ul	97
42) 2,4,5-Trichlorophenol	13.359	196	30716	19.707	ng/ul	95
43) 1,1'-Biphenyl	13.658	154	107657	19.078	ng/ul	97
44) 2-Chloronaphthalene	13.711	162	84259	18.771	ng/ul	100
45) 2-Nitroaniline	13.917	65	31790	20.463	ng/ul	90
47) Dimethylphthalate	14.263	163	116358	19.775	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	24130	19.523	ng/ul	92
50) Acenaphthylene	14.551	152	139264	19.229	ng/ul	98
51) 3-Nitroaniline	14.745	138	25469	20.847	ng/ul	98
52) Acenaphthene	14.892	153	91280	19.111	ng/ul	97
53) 2,4-Dinitrophenol	14.963	184	15531	22.733	ng/ul	89
55) 4-Nitrophenol	15.068	109	18716	22.928	ng/ul	94
56) Dibenzofuran	15.221	168	133374	19.360	ng/ul	99
57) 2,4-Dinitrotoluene	15.198	165	36206	20.509	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.456	232	24386	19.924	ng/ul	96
59) Diethylphthalate	15.615	149	126403	20.465	ng/ul	98
61) Fluorene	15.873	166	108383	19.641	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.856	204	57017	19.173	ng/ul	94
63) 4-Nitroaniline	15.903	138	27813m	23.394	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.967	198	17924	17.130	ng/ul	98
67) N-Nitrosodiphenylamine	16.073	169	98145	19.499	ng/ul	95
68) 4-Bromophenyl-phenylether	16.749	248	35663	18.926	ng/ul	95
69) Hexachlorobenzene	16.878	284	37745	19.644	ng/ul	97
70) Atrazine	17.013	200	44076	20.836	ng/ul	99
71) Pentachlorophenol	17.236	266	18675	21.934	ng/ul	92
72) Phenanthrene	17.618	178	190032	19.575	ng/ul	99
74) Anthracene	17.712	178	193329	20.052	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.635	216	47356	18.466	ng/ul	98
76) Pentachlorobenzene	15.145	250	44478	18.614	ng/ul	98
77) Carbazole	17.983	167	176333	20.836	ng/ul	99
78) Di-n-butylphthalate	18.505	149	228233	20.916	ng/ul	99
80) Fluoranthene	19.622	202	234133	20.869	ng/ul	95
82) Pyrene	19.986	202	227127	20.696	ng/ul	95
83) Butylbenzylphthalate	20.844	149	90398	19.813	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.760	252	71163	20.247	ng/ul	99
85) Benzo(a)anthracene	21.854	228	198941	19.430	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.713	149	127883	19.479	ng/ul	98
87) Chrysene	21.925	228	187717	19.084	ng/ul	99
89) Di-n-octyl phthalate	22.977	149	214299	19.541	ng/ul	100
90) Benzo(b)fluoranthene	24.187	252	193745	18.966	ng/ul	97
91) Benzo(k)fluoranthene	24.258	252	184846	19.282	ng/ul	99
93) Benzo(a)pyrene	25.115	252	190151	19.511	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.205	276	213507m	19.577	ng/ul	
95) Dibenzo(a,h)anthracene	29.246	278	181862	19.656	ng/ul	97
96) Benzo(g,h,i)perylene	30.415	276	179097	19.518	ng/ul	95

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

