

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051401.D
 Acq On : 8 Dec 2021 3:30
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020579

Quant Time: Dec 08 06:30:13 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	38485	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.015	136	170732	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.822	164	112714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.572	188	243413	20.000	ng/u1	0.00
79) Chrysene-d12	21.873	240	202736	20.000	ng/u1	0.00
88) Perylene-d12	25.274	264	203168	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	7850m	7.088	ng/uL	-0.02
4) Pyridine-d5	3.958	84	58995	18.154	ng/u1	-0.02
7) Phenol-d5	7.354	99	72061	18.945	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	46577	19.498	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.719	132	53725	19.615	ng/u1	-0.01
15) 4-Methylphenol-d8	8.905	113	57935	18.875	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	27929	19.379	ng/u1	0.00
24) 2-Nitrophenol-d4	10.092	143	32470	19.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	55829	20.240	ng/u1	0.00
31) 4-Chloroaniline-d4	11.156	131	76725	19.010	ng/u1	0.00
46) Dimethylphthalate-d6	14.217	166	163182	18.816	ng/u1	0.00
49) Acenaphthylene-d8	14.516	160	215382	19.695	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.051	143	23096	16.452	ng/u1	0.00
60) Fluorene-d10	15.815	176	149682	19.166	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	24018	15.990	ng/u1	0.00
73) Anthracene-d10	17.672	188	225987	19.412	ng/u1	0.00
81) Pyrene-d10	19.951	212	244892	19.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.039	264	207221	19.098	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.559	88	8323	6.664	ng/uL#	89
5) Pyridine	3.976	79	62519	18.488	ng/u1	95
6) Benzaldehyde	7.325	77	53218	21.970	ng/u1	96
8) Phenol	7.378	94	76707	19.467	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.595	93	57398	19.255	ng/u1	97
12) 2-Chlorophenol	7.754	128	54302	19.455	ng/u1	99
13) 2-Methylphenol	8.641	108	54965	18.727	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.706	45	87467	20.333	ng/u1#	95
16) Acetophenone	9.017	105	90148	18.988	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.988	70	52245	19.150	ng/u1	99
18) 4-Methylphenol	8.970	108	59941	19.099	ng/u1	96
19) Hexachloroethane	9.270	117	23247	19.719	ng/u1	97
22) Nitrobenzene	9.411	77	75021	19.852	ng/u1	95
23) Isophorone	9.928	82	143283	19.515	ng/u1	99
25) 2-Nitrophenol	10.127	139	32575	19.344	ng/u1	100
26) 2,4-Dimethylphenol	10.174	107	68932	20.022	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.404	93	79608	19.641	ng/u1	97
29) 2,4-Dichlorophenol	10.668	162	53242	19.608	ng/u1	95
30) Naphthalene	11.068	128	178419	19.206	ng/u1	98
32) 4-Chloroaniline	11.179	127	78185	19.296	ng/u1	99
33) Hexachlorobutadiene	11.326	225	36152	19.303	ng/u1	99
34) Caprolactam	11.943	113	20570m	19.270	ng/u1	
35) 4-Chloro-3-methylphenol	12.301	107	65513	20.085	ng/u1	95
36) 2-Methylnaphthalene	12.660	142	123175	19.493	ng/u1	99

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37) 1-Methylnaphthalene	12.877	142	124038	19.080	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.024	216	70209	19.841	ng/ul	97
40) Hexachlorocyclopentadiene	12.989	237	36391	25.444	ng/ul	98
41) 2,4,6-Trichlorophenol	13.265	196	44052	19.838	ng/ul	99
42) 2,4,5-Trichlorophenol	13.353	196	46063	19.809	ng/ul	99
43) 1,1'-Biphenyl	13.653	154	164234	19.508	ng/ul	99
44) 2-Chloronaphthalene	13.706	162	131159	19.585	ng/ul	99
45) 2-Nitroaniline	13.917	65	49106	21.187	ng/ul	94
47) Dimethylphthalate	14.264	163	163834	18.663	ng/ul	100
48) 2,6-Dinitrotoluene	14.399	165	36346	19.711	ng/ul	96
50) Acenaphthylene	14.546	152	210714	19.502	ng/ul	98
51) 3-Nitroaniline	14.740	138	38493	21.119	ng/ul	99
52) Acenaphthene	14.887	153	138444	19.429	ng/ul	95
53) 2,4-Dinitrophenol	14.963	184	22399	21.976	ng/ul	89
55) 4-Nitrophenol	15.063	109	30690	25.201	ng/ul	97
56) Dibenzofuran	15.221	168	195666	19.037	ng/ul	100
57) 2,4-Dinitrotoluene	15.198	165	50614	19.218	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.451	232	33957	18.596	ng/ul	97
59) Diethylphthalate	15.615	149	174542	18.942	ng/ul	99
61) Fluorene	15.868	166	158273	19.225	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.850	204	81943	18.469	ng/ul	97
63) 4-Nitroaniline	15.903	138	38356m	21.624	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.968	198	23177	16.000	ng/ul	100
67) N-Nitrosodiphenylamine	16.068	169	140773	20.201	ng/ul	96
68) 4-Bromophenyl-phenylether	16.749	248	50914	19.516	ng/ul	92
69) Hexachlorobenzene	16.872	284	52502	19.737	ng/ul	99
70) Atrazine	17.008	200	57969	19.794	ng/ul	98
71) Pentachlorophenol	17.231	266	25009	21.217	ng/ul	93
72) Phenanthrene	17.613	178	261379	19.448	ng/ul	99
74) Anthracene	17.707	178	260452	19.513	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.629	216	73288	20.642	ng/uL	97
76) Pentachlorobenzene	15.139	250	67652	20.450	ng/uL	99
77) Carbazole	17.983	167	232054	19.806	ng/ul	99
78) Di-n-butylphthalate	18.500	149	301959	19.988	ng/ul	99
80) Fluoranthene	19.616	202	306588	20.349	ng/ul	98
82) Pyrene	19.981	202	297479	20.184	ng/ul	97
83) Butylbenzylphthalate	20.838	149	124104	20.255	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.755	252	91188	19.319	ng/ul	96
85) Benzo(a)anthracene	21.855	228	269419	19.593	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.708	149	177340	20.113	ng/ul	100
87) Chrysene	21.925	228	251856	19.066	ng/ul	98
89) Di-n-octyl phthalate	22.971	149	298454	20.277	ng/ul	100
90) Benzo(b)fluoranthene	24.182	252	261325	19.059	ng/ul	98
91) Benzo(k)fluoranthene	24.258	252	246331	19.145	ng/ul	99
93) Benzo(a)pyrene	25.110	252	250302	19.135	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.193	276	278940	19.056	ng/ul	98
95) Dibenzo(a,h)anthracene	29.246	278	234516	18.885	ng/ul	97
96) Benzo(g,h,i)perylene	30.433	276	231246m	18.777	ng/ul	

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

