

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051453.D
 Acq On : 10 Dec 2021 12:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020585

Quant Time: Dec 11 03:17:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 03:21:41 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	25335	20.000	ng/u1	0.00
20) Naphthalene-d8	11.014	136	110745	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.816	164	78263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.571	188	176726	20.000	ng/u1	0.00
79) Chrysene-d12	21.872	240	164502	20.000	ng/u1	0.00
88) Perylene-d12	25.274	264	158012	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	5785	7.498	ng/uL	0.00
4) Pyridine-d5	3.970	84	35188	15.883	ng/u1	0.00
7) Phenol-d5	7.366	99	45498	17.641	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.507	67	29617	17.907	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	33662	18.345	ng/u1	0.00
15) 4-Methylphenol-d8	8.917	113	35733	17.636	ng/u1	0.00
21) Nitrobenzene-d5	9.369	128	18163	18.906	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	20081	18.472	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	33131	18.734	ng/u1	0.00
31) 4-Chloroaniline-d4	11.167	131	47099	18.208	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	111558	18.421	ng/u1	0.00
49) Acenaphthylene-d8	14.516	160	143546	18.716	ng/u1	0.00
54) 4-Nitrophenol-d4	15.080	143	13192	14.469	ng/u1	0.02
60) Fluorene-d10	15.809	176	102163	18.951	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	18950m	18.045	ng/u1	0.00
73) Anthracene-d10	17.671	188	164436	19.886	ng/u1	0.00
81) Pyrene-d10	19.951	212	192536	19.472	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.033	264	161061	19.762	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	6415	7.452	ng/uL	96
5) Pyridine	3.993	79	38296	16.561	ng/u1	98
6) Benzaldehyde	7.330	77	33048m	20.156	ng/u1	
8) Phenol	7.395	94	46890	17.762	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.595	93	36906	18.252	ng/u1	99
12) 2-Chlorophenol	7.759	128	33855	18.011	ng/u1	96
13) 2-Methylphenol	8.646	108	35204	17.911	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.705	45	54940	18.057	ng/u1#	94
16) Acetophenone	9.022	105	57733	18.401	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.993	70	34838	18.522	ng/u1	94
18) 4-Methylphenol	8.981	108	37502	18.163	ng/u1	99
19) Hexachloroethane	9.263	117	15327	18.858	ng/u1	95
22) Nitrobenzene	9.410	77	49126	18.796	ng/u1	98
23) Isophorone	9.927	82	93922	18.717	ng/u1	98
25) 2-Nitrophenol	10.133	139	20924	19.222	ng/u1	98
26) 2,4-Dimethylphenol	10.186	107	43365	18.812	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.403	93	51406	18.916	ng/u1	97
29) 2,4-Dichlorophenol	10.679	162	32439	18.709	ng/u1	96
30) Naphthalene	11.061	128	117172	19.267	ng/u1	98
32) 4-Chloroaniline	11.190	127	48290	18.559	ng/u1	99
33) Hexachlorobutadiene	11.326	225	21875	18.496	ng/u1	99
34) Caprolactam	11.972	113	13210m	18.386	ng/u1	
35) 4-Chloro-3-methylphenol	12.319	107	41156	19.109	ng/u1	99
36) 2-Methylnaphthalene	12.659	142	78451	19.344	ng/u1	96

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37) 1-Methylnaphthalene	12.877	142	80830	19.363	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.024	216	44859	18.408	ng/ul	98
40) Hexachlorocyclopentadiene	12.982	237	20248	15.691	ng/ul	96
41) 2,4,6-Trichlorophenol	13.276	196	28869	18.338	ng/ul	98
42) 2,4,5-Trichlorophenol	13.370	196	30099	17.859	ng/ul	97
43) 1,1'-Biphenyl	13.652	154	109819	18.769	ng/ul	96
44) 2-Chloronaphthalene	13.705	162	85906	18.713	ng/ul	99
45) 2-Nitroaniline	13.923	65	31364	18.075	ng/ul	98
47) Dimethylphthalate	14.263	163	113708	18.630	ng/ul	99
48) 2,6-Dinitrotoluene	14.404	165	23527	18.217	ng/ul	99
50) Acenaphthylene	14.545	152	142837	18.873	ng/ul	98
51) 3-Nitroaniline	14.757	138	24232	19.483	ng/ul	95
52) Acenaphthene	14.880	153	94371	19.004	ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	9682m	14.496	ng/ul	
55) 4-Nitrophenol	15.092	109	16725m	18.439	ng/ul	
56) Dibenzofuran	15.221	168	133156	18.913	ng/ul	99
57) 2,4-Dinitrotoluene	15.203	165	35384	19.167	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.456	232	24485	19.174	ng/ul	98
59) Diethylphthalate	15.615	149	121320	18.418	ng/ul	99
61) Fluorene	15.867	166	107220	18.805	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.844	204	56531	18.886	ng/ul	97
63) 4-Nitroaniline	15.920	138	22116	20.032	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.967	198	18910	18.521	ng/ul	91
67) N-Nitrosodiphenylamine	16.067	169	96449	19.577	ng/ul	97
68) 4-Bromophenyl-phenylether	16.743	248	34558	19.366	ng/ul	94
69) Hexachlorobenzene	16.872	284	35446	19.488	ng/ul	99
70) Atrazine	17.013	200	40443	19.026	ng/ul	98
71) Pentachlorophenol	17.242	266	13167m	16.721	ng/ul	
72) Phenanthrene	17.612	178	188741	19.822	ng/ul	99
74) Anthracene	17.706	178	188935	19.822	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.623	216	47825	19.352	ng/uL	99
76) Pentachlorobenzene	15.133	250	44238	19.772	ng/uL	97
77) Carbazole	17.988	167	170865	20.138	ng/ul	98
78) Di-n-butylphthalate	18.500	149	222260	19.538	ng/ul	98
80) Fluoranthene	19.616	202	240190	19.729	ng/ul	98
82) Pyrene	19.980	202	234034	19.589	ng/ul	99
83) Butylbenzylphthalate	20.832	149	96858	18.589	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.760	252	64504	18.568	ng/ul	98
85) Benzo(a)anthracene	21.849	228	211535	19.466	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.702	149	137427	18.988	ng/ul	97
87) Chrysene	21.919	228	203136	19.605	ng/ul	99
89) Di-n-octyl phthalate	22.959	149	233687	20.110	ng/ul	100
90) Benzo(b)fluoranthene	24.181	252	205192	19.769	ng/ul	98
91) Benzo(k)fluoranthene	24.252	252	190787	19.736	ng/ul	98
93) Benzo(a)pyrene	25.109	252	195283	19.754	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.193	276	201497	18.366	ng/ul	98
95) Dibenzo(a,h)anthracene	29.246	278	171494	18.543	ng/ul	98
96) Benzo(g,h,i)perylene	30.427	276	168670	18.383	ng/ul	98

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

