

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051369.D
 Acq On : 7 Dec 2021 4:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020577

Quant Time: Dec 07 05:21:59 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 12/14/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	32156	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.019	136	142637	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.827	164	96602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.576	188	206141	20.000	ng/u1	0.00
79) Chrysene-d12	21.883	240	163596	20.000	ng/u1	0.00
88) Perylene-d12	25.291	264	163329	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	6371m	6.885	ng/uL	-0.02
4) Pyridine-d5	3.957	84	47172	17.373	ng/u1	-0.02
7) Phenol-d5	7.353	99	59400	18.690	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	37528	18.802	ng/u1	0.00
11) 2-Chlorophenol-d4	7.723	132	43314	18.927	ng/u1	0.00
15) 4-Methylphenol-d8	8.910	113	47334	18.457	ng/u1	0.00
21) Nitrobenzene-d5	9.368	128	23018	19.117	ng/u1	0.00
24) 2-Nitrophenol-d4	10.097	143	27000	19.879	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	45688	19.826	ng/u1	0.00
31) 4-Chloroaniline-d4	11.160	131	64130	19.019	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	140374	18.885	ng/u1	0.00
49) Acenaphthylene-d8	14.527	160	185852	19.829	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	20051	16.665	ng/u1	0.00
60) Fluorene-d10	15.820	176	130090	19.436	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	16030	12.602	ng/u1	0.00
73) Anthracene-d10	17.676	188	194570	19.735	ng/u1	0.00
81) Pyrene-d10	19.962	212	196584	19.859	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.056	264	166922	19.136	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.563	88	7227	6.925	ng/uL#	95
5) Pyridine	3.981	79	50248	17.784	ng/u1	96
6) Benzaldehyde	7.330	77	43403	21.445	ng/u1	94
8) Phenol	7.383	94	61689	18.737	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.600	93	46641	18.725	ng/u1	97
12) 2-Chlorophenol	7.759	128	44650	19.146	ng/u1	92
13) 2-Methylphenol	8.640	108	45833	18.689	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.710	45	70253	19.546	ng/u1	98
16) Acetophenone	9.022	105	73424	18.509	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.992	70	43756	19.195	ng/u1	98
18) 4-Methylphenol	8.975	108	48889	18.643	ng/u1	96
19) Hexachloroethane	9.274	117	19383	19.677	ng/u1	99
22) Nitrobenzene	9.415	77	62646	19.842	ng/u1	96
23) Isophorone	9.933	82	116670	19.021	ng/u1	99
25) 2-Nitrophenol	10.126	139	26240	18.652	ng/u1	97
26) 2,4-Dimethylphenol	10.179	107	56968	19.806	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.408	93	63853	18.857	ng/u1	100
29) 2,4-Dichlorophenol	10.679	162	43969	19.383	ng/u1	96
30) Naphthalene	11.072	128	149224	19.227	ng/u1	99
32) 4-Chloroaniline	11.184	127	64999	19.201	ng/u1	100
33) Hexachlorobutadiene	11.331	225	29713	18.990	ng/u1	95
34) Caprolactam	11.948	113	16569m	18.579	ng/u1	
35) 4-Chloro-3-methylphenol	12.306	107	54274	19.917	ng/u1	98
36) 2-Methylnaphthalene	12.665	142	103218	19.552	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.882	142	105503	19.425	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.029	216	60367	19.905	ng/ul	97
40) Hexachlorocyclopentadiene	12.994	237	16844	13.741	ng/ul	98
41) 2,4,6-Trichlorophenol	13.276	196	38540	20.251	ng/ul	98
42) 2,4,5-Trichlorophenol	13.358	196	40273	20.208	ng/ul	98
43) 1,1'-Biphenyl	13.658	154	138176	19.151	ng/ul	97
44) 2-Chloronaphthalene	13.710	162	111716	19.464	ng/ul	99
45) 2-Nitroaniline	13.916	65	40095	20.185	ng/ul	96
47) Dimethylphthalate	14.263	163	139953	18.602	ng/ul	99
48) 2,6-Dinitrotoluene	14.410	165	31153	19.712	ng/ul	90
50) Acenaphthylene	14.551	152	182411	19.698	ng/ul	98
51) 3-Nitroaniline	14.745	138	33321	21.330	ng/ul	96
52) Acenaphthene	14.891	153	119438	19.557	ng/ul	96
53) 2,4-Dinitrophenol	14.980	184	11364m	13.009	ng/ul	
55) 4-Nitrophenol	15.068	109	21716	20.806	ng/ul	95
56) Dibenzofuran	15.226	168	170766	19.386	ng/ul	99
57) 2,4-Dinitrotoluene	15.203	165	44115	19.544	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.461	232	28634	18.296	ng/ul#	95
59) Diethylphthalate	15.620	149	147352	18.658	ng/ul	99
61) Fluorene	15.873	166	136400	19.331	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.855	204	71178	18.719	ng/ul	96
63) 4-Nitroaniline	15.908	138	34764m	22.868	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.978	198	15148	12.348	ng/ul#	95
67) N-Nitrosodiphenylamine	16.072	169	122302	20.724	ng/ul	99
68) 4-Bromophenyl-phenylether	16.754	248	44557	20.167	ng/ul	93
69) Hexachlorobenzene	16.883	284	44869	19.917	ng/ul	96
70) Atrazine	17.012	200	49761	20.063	ng/ul	99
71) Pentachlorophenol	17.242	266	19578m	19.612	ng/ul	
72) Phenanthrene	17.624	178	222547	19.553	ng/ul	100
74) Anthracene	17.712	178	223928	19.810	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.634	216	63247	21.035	ng/uL	99
76) Pentachlorobenzene	15.144	250	59543	21.253	ng/uL	100
77) Carbazole	17.988	167	195837	19.737	ng/ul	98
78) Di-n-butylphthalate	18.505	149	250301	19.564	ng/ul	99
80) Fluoranthene	19.627	202	244765	20.132	ng/ul	97
82) Pyrene	19.991	202	241645	20.318	ng/ul	94
83) Butylbenzylphthalate	20.843	149	94674	19.148	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.760	252	68906	18.091	ng/ul	99
85) Benzo(a)anthracene	21.860	228	212816	19.180	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.713	149	134800	18.946	ng/ul	99
87) Chrysene	21.930	228	204167	19.153	ng/ul	99
89) Di-n-octyl phthalate	22.976	149	230167	19.452	ng/ul	100
90) Benzo(b)fluoranthene	24.198	252	210162	19.067	ng/ul	99
91) Benzo(k)fluoranthene	24.269	252	198131	19.155	ng/ul	99
93) Benzo(a)pyrene	25.132	252	203757	19.376	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.222	276	230325m	19.573	ng/ul	
95) Dibenzo(a,h)anthracene	29.275	278	191595	19.192	ng/ul	97
96) Benzo(g,h,i)perylene	30.461	276	173849	17.560	ng/ul	98

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

