

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051345.D
 Acq On : 6 Dec 2021 11:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020575

Quant Time: Dec 06 12:26:52 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 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	30540	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.015	136	131883	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.822	164	86002	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	194321	20.000	ng/ul	0.00
79) Chrysene-d12	21.873	240	176549	20.000	ng/ul	0.00
88) Perylene-d12	25.263	264	179386	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	6924	7.879	ng/uL	-0.01
4) Pyridine-d5	3.959	84	46032	17.850	ng/ul	-0.02
7) Phenol-d5	7.349	99	55338	18.334	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	37541	19.803	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.719	132	40995	18.861	ng/ul	-0.01
15) 4-Methylphenol-d8	8.906	113	43748	17.961	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	21661	19.457	ng/ul	0.00
24) 2-Nitrophenol-d4	10.093	143	24532	19.534	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	40474	18.995	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	58730	18.838	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	126642	19.138	ng/ul	0.00
49) Acenaphthylene-d8	14.517	160	163630	19.610	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.046	143	16890	15.768	ng/ul	0.00
60) Fluorene-d10	15.809	176	114973	19.294	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.945	200	20048	16.719	ng/ul	0.00
73) Anthracene-d10	17.672	188	180211	19.391	ng/ul	0.00
81) Pyrene-d10	19.952	212	212152	19.860	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.028	264	184573	19.266	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.571	88	7316	7.381	ng/uL#	86
5) Pyridine	3.982	79	52325	19.499	ng/ul	96
6) Benzaldehyde	7.325	77	42405m	22.060	ng/ul	
8) Phenol	7.378	94	57364	18.346	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.601	93	45567	19.262	ng/ul	95
12) 2-Chlorophenol	7.754	128	41368	18.677	ng/ul	95
13) 2-Methylphenol	8.641	108	41950	18.011	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.706	45	67876	19.884	ng/ul	97
16) Acetophenone	9.017	105	71470	18.970	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.994	70	42947	19.837	ng/ul	99
18) 4-Methylphenol	8.970	108	45229	18.160	ng/ul	99
19) Hexachloroethane	9.276	117	17154	18.336	ng/ul	92
22) Nitrobenzene	9.411	77	58995	20.210	ng/ul	99
23) Isophorone	9.928	82	112320	19.805	ng/ul	100
25) 2-Nitrophenol	10.128	139	24850	19.104	ng/ul	95
26) 2,4-Dimethylphenol	10.175	107	52965	19.916	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.404	93	61677	19.699	ng/ul	99
29) 2,4-Dichlorophenol	10.668	162	39015	18.601	ng/ul	96
30) Naphthalene	11.068	128	138692	19.327	ng/ul	99
32) 4-Chloroaniline	11.180	127	60283	19.260	ng/ul	100
33) Hexachlorobutadiene	11.332	225	26728	18.475	ng/ul	99
34) Caprolactam	11.949	113	15684m	19.021	ng/ul	
35) 4-Chloro-3-methylphenol	12.296	107	49059	19.471	ng/ul	98
36) 2-Methylnaphthalene	12.660	142	93791	19.215	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.878	142	94565	18.831	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.024	216	53367	19.766	ng/ul	100
40) Hexachlorocyclopentadiene	12.989	237	16666	15.272	ng/ul	96
41) 2,4,6-Trichlorophenol	13.265	196	32023	18.900	ng/ul	98
42) 2,4,5-Trichlorophenol	13.353	196	32568	18.356	ng/ul	99
43) 1,1'-Biphenyl	13.653	154	127711	19.882	ng/ul	96
44) 2-Chloronaphthalene	13.706	162	99841	19.540	ng/ul	98
45) 2-Nitroaniline	13.912	65	36041	20.380	ng/ul	92
47) Dimethylphthalate	14.264	163	127475	19.032	ng/ul	100
48) 2,6-Dinitrotoluene	14.399	165	27395	19.471	ng/ul	92
50) Acenaphthylene	14.546	152	161912	19.640	ng/ul	99
51) 3-Nitroaniline	14.734	138	29095	20.921	ng/ul#	92
52) Acenaphthene	14.887	153	105811	19.461	ng/ul	95
53) 2,4-Dinitrophenol	14.963	184	11431	14.699	ng/ul	85
55) 4-Nitrophenol	15.063	109	18867	20.305	ng/ul	90
56) Dibenzofuran	15.222	168	151859	19.364	ng/ul	99
57) 2,4-Dinitrotoluene	15.192	165	39138	19.476	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.451	232	24168	17.346	ng/ul	91
59) Diethylphthalate	15.616	149	137358	19.537	ng/ul	100
61) Fluorene	15.868	166	122033	19.427	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.851	204	62522	18.469	ng/ul	96
63) 4-Nitroaniline	15.898	138	29890	22.085	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.962	198	18754	16.217	ng/ul#	95
67) N-Nitrosodiphenylamine	16.068	169	108688	19.538	ng/ul	97
68) 4-Bromophenyl-phenylether	16.744	248	39190	18.817	ng/ul	94
69) Hexachlorobenzene	16.873	284	39627	18.660	ng/ul	98
70) Atrazine	17.008	200	45863	19.617	ng/ul	98
71) Pentachlorophenol	17.225	266	12199m	12.964	ng/ul	
72) Phenanthrene	17.613	178	210228	19.594	ng/ul	99
74) Anthracene	17.707	178	209379	19.649	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.630	216	55895	19.720	ng/uL	96
76) Pentachlorobenzene	15.140	250	50231	19.020	ng/uL	99
77) Carbazole	17.977	167	189774	20.290	ng/ul	97
78) Di-n-butylphthalate	18.500	149	243801	20.215	ng/ul	99
80) Fluoranthene	19.617	202	261896	19.961	ng/ul	98
82) Pyrene	19.981	202	256903	20.016	ng/ul	96
83) Butylbenzylphthalate	20.839	149	108184	20.275	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.755	252	81535	19.836	ng/ul	99
85) Benzo(a)anthracene	21.849	228	234766	19.605	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.708	149	154281	20.094	ng/ul	99
87) Chrysene	21.920	228	224204	19.490	ng/ul	99
89) Di-n-octyl phthalate	22.966	149	267425	20.578	ng/ul	100
90) Benzo(b)fluoranthene	24.176	252	231522	19.124	ng/ul	98
91) Benzo(k)fluoranthene	24.247	252	219440	19.316	ng/ul	100
93) Benzo(a)pyrene	25.099	252	221298	19.161	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.176	276	246767	19.093	ng/ul	97
95) Dibenzo(a,h)anthracene	29.229	278	209944	19.148	ng/ul	95
96) Benzo(g,h,i)perylene	30.404	276	206296	18.972	ng/ul	97

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

