

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051466.D
 Acq On : 10 Dec 2021 21:43
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020586

Quant Time: Dec 11 06:00:54 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	8.183	152	26656	20.000	ng/u1	0.00
20) Naphthalene-d8	11.009	136	121870	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.816	164	83004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.566	188	186334	20.000	ng/u1	0.00
79) Chrysene-d12	21.867	240	167930	20.000	ng/u1	0.00
88) Perylene-d12	25.263	264	163997	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	6479	7.982	ng/uL	0.00
4) Pyridine-d5	3.976	84	38434	16.489	ng/u1	0.01
7) Phenol-d5	7.366	99	49185	18.125	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.501	67	32180	18.492	ng/u1	0.00
11) 2-Chlorophenol-d4	7.725	132	36635	18.976	ng/u1	0.00
15) 4-Methylphenol-d8	8.917	113	39248	18.411	ng/u1	0.00
21) Nitrobenzene-d5	9.364	128	19372	18.324	ng/u1	0.00
24) 2-Nitrophenol-d4	10.092	143	22305	18.645	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	36858	18.939	ng/u1	0.00
31) 4-Chloroaniline-d4	11.162	131	51724	18.171	ng/u1	0.00
46) Dimethylphthalate-d6	14.211	166	121444	18.908	ng/u1	0.00
49) Acenaphthylene-d8	14.517	160	156007	19.179	ng/u1	0.00
54) 4-Nitrophenol-d4	15.081	143	13649	14.115	ng/u1	0.02
60) Fluorene-d10	15.809	176	111268	19.461	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	20316	18.348	ng/u1	0.00
73) Anthracene-d10	17.666	188	172284	19.761	ng/u1	0.00
81) Pyrene-d10	19.946	212	198524	19.668	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.028	264	165022	19.509	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.571	88	6948	7.671	ng/uL	97
5) Pyridine	3.994	79	40461	16.630	ng/u1	97
6) Benzaldehyde	7.325	77	35698m	20.693	ng/u1	
8) Phenol	7.390	94	51827	18.659	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.595	93	40354	18.968	ng/u1	99
12) 2-Chlorophenol	7.754	128	37273	18.847	ng/u1	98
13) 2-Methylphenol	8.647	108	38453	18.595	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.706	45	61151	19.102	ng/u1	96
16) Acetophenone	9.023	105	62138	18.824	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.988	70	38351	19.379	ng/u1	99
18) 4-Methylphenol	8.982	108	40565	18.673	ng/u1	94
19) Hexachloroethane	9.264	117	16342	19.111	ng/u1	98
22) Nitrobenzene	9.411	77	54103	18.811	ng/u1	99
23) Isophorone	9.928	82	103796	18.797	ng/u1	98
25) 2-Nitrophenol	10.128	139	22385	18.687	ng/u1	98
26) 2,4-Dimethylphenol	10.180	107	47684	18.797	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.404	93	56138	18.772	ng/u1	98
29) 2,4-Dichlorophenol	10.680	162	36267	19.007	ng/u1	94
30) Naphthalene	11.062	128	127034	18.981	ng/u1	99
32) 4-Chloroaniline	11.185	127	53199	18.579	ng/u1	100
33) Hexachlorobutadiene	11.320	225	24759	19.024	ng/u1	97
34) Caprolactam	11.984	113	13678m	17.300	ng/u1	
35) 4-Chloro-3-methylphenol	12.313	107	45055	19.010	ng/u1	96
36) 2-Methylnaphthalene	12.654	142	85172	19.084	ng/u1	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.871	142	87368	19.019	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.018	216	48711	18.847	ng/ul	94
40) Hexachlorocyclopentadiene	12.977	237	25603	18.707	ng/ul	97
41) 2,4,6-Trichlorophenol	13.271	196	32207	19.290	ng/ul	95
42) 2,4,5-Trichlorophenol	13.365	196	32748	18.321	ng/ul	99
43) 1,1'-Biphenyl	13.647	154	119525	19.261	ng/ul	97
44) 2-Chloronaphthalene	13.700	162	93481	19.200	ng/ul	99
45) 2-Nitroaniline	13.923	65	34119	18.540	ng/ul	97
47) Dimethylphthalate	14.258	163	122489	18.923	ng/ul	99
48) 2,6-Dinitrotoluene	14.399	165	25362	18.516	ng/ul	99
50) Acenaphthylene	14.540	152	153216	19.088	ng/ul	98
51) 3-Nitroaniline	14.752	138	24624	18.668	ng/ul	88
52) Acenaphthene	14.881	153	100624	19.106	ng/ul	96
53) 2,4-Dinitrophenol	14.981	184	10880m	15.359	ng/ul	
55) 4-Nitrophenol	15.098	109	17945m	18.654	ng/ul	
56) Dibenzofuran	15.216	168	143820	19.261	ng/ul	97
57) 2,4-Dinitrotoluene	15.198	165	37391	19.097	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.451	232	27025	19.955	ng/ul	95
59) Diethylphthalate	15.609	149	130499	18.680	ng/ul	99
61) Fluorene	15.862	166	115722	19.137	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.844	204	60693	19.118	ng/ul	96
63) 4-Nitroaniline	15.921	138	22251m	19.003	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.962	198	19974	18.554	ng/ul	98
67) N-Nitrosodiphenylamine	16.062	169	102041	19.644	ng/ul	98
68) 4-Bromophenyl-phenylether	16.738	248	37131	19.735	ng/ul	94
69) Hexachlorobenzene	16.867	284	37806	19.714	ng/ul	100
70) Atrazine	17.008	200	41352	18.450	ng/ul	97
71) Pentachlorophenol	17.237	266	15341m	18.478	ng/ul	
72) Phenanthrene	17.607	178	199964	19.918	ng/ul	99
74) Anthracene	17.701	178	199231	19.824	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.618	216	51763	19.866	ng/ul	99
76) Pentachlorobenzene	15.134	250	47579	20.169	ng/ul	98
77) Carbazole	17.983	167	175707	19.641	ng/ul	98
78) Di-n-butylphthalate	18.494	149	227280	18.949	ng/ul	99
80) Fluoranthene	19.616	202	243559	19.598	ng/ul	97
82) Pyrene	19.975	202	240391	19.711	ng/ul	98
83) Butylbenzylphthalate	20.833	149	100522	18.898	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.755	252	66352	18.710	ng/ul	95
85) Benzo(a)anthracene	21.849	228	216804	19.544	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.696	149	143855	19.471	ng/ul	97
87) Chrysene	21.914	228	209479	19.805	ng/ul	99
89) Di-n-octyl phthalate	22.954	149	242782	20.130	ng/ul	100
90) Benzo(b)fluoranthene	24.176	252	212260	19.704	ng/ul	98
91) Benzo(k)fluoranthene	24.246	252	201076	20.041	ng/ul	99
93) Benzo(a)pyrene	25.104	252	202808	19.766	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.188	276	212301m	18.644	ng/ul	
95) Dibenzo(a,h)anthracene	29.223	278	174970	18.228	ng/ul	96
96) Benzo(g,h,i)perylene	30.416	276	176793	18.565	ng/ul	100

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

