

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052702.D
 Acq On : 18 Mar 2022 9:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020537

Quant Time: Mar 18 23:56:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 00:55:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
 Supervised By :Yogesh Patel 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	39362	20.000	ng/u1	0.00
20) Naphthalene-d8	10.968	136	165798	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.775	164	115099	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.513	188	267076	20.000	ng/u1	0.00
79) Chrysene-d12	21.801	240	279049	20.000	ng/u1	0.00
88) Perylene-d12	25.120	264	294135	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.561	96	8295	7.444	ng/uL	0.00
4) Pyridine-d5	3.984	84	52142	18.743	ng/u1	0.00
7) Phenol-d5	7.291	99	68883	19.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	43983	20.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.679	132	45753	19.113	ng/u1	0.00
15) 4-Methylphenol-d8	8.842	113	48017	18.802	ng/u1	0.00
21) Nitrobenzene-d5	9.312	128	23251	19.482	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	22286	17.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	49786	18.180	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	68429	18.906	ng/u1	0.00
46) Dimethylphthalate-d6	14.170	166	162110	18.333	ng/u1	0.00
49) Acenaphthylene-d8	14.464	160	207324	19.295	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	26593	17.887	ng/u1	0.00
60) Fluorene-d10	15.762	176	146439	18.861	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	22886	16.838	ng/u1	0.00
73) Anthracene-d10	17.612	188	238701	19.193	ng/u1	0.00
81) Pyrene-d10	19.892	212	293468	18.799	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.891	264	287121	18.892	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.596	88	9999	7.324	ng/uL#	94
5) Pyridine	4.001	79	58590	19.491	ng/u1	89
6) Benzaldehyde	7.279	77	48536m	20.709	ng/u1	
8) Phenol	7.320	94	67905	19.985	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.561	93	51708	20.173	ng/u1	97
12) 2-Chlorophenol	7.714	128	47456	19.403	ng/u1	97
13) 2-Methylphenol	8.578	108	51453	19.484	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.677	45	88551	21.253	ng/u1#	93
16) Acetophenone	8.971	105	82238	20.642	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.959	70	48063	20.694	ng/u1	95
18) 4-Methylphenol	8.907	108	54947	19.971	ng/u1	96
19) Hexachloroethane	9.247	117	21382	19.704	ng/u1	92
22) Nitrobenzene	9.353	77	65019	18.645	ng/u1	97
23) Isophorone	9.882	82	126770	19.018	ng/u1	99
25) 2-Nitrophenol	10.070	139	22787	17.456	ng/u1	95
26) 2,4-Dimethylphenol	10.123	107	60864	18.817	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.358	93	69425	18.729	ng/u1	97
29) 2,4-Dichlorophenol	10.604	162	47898	17.989	ng/u1	93
30) Naphthalene	11.015	128	166518	19.408	ng/u1	96
32) 4-Chloroaniline	11.109	127	66274	18.634	ng/u1	91
33) Hexachlorobutadiene	11.309	225	40322	18.543	ng/u1	94
34) Caprolactam	11.873	113	15155m	18.898	ng/u1	
35) 4-Chloro-3-methylphenol	12.220	107	53666	18.580	ng/u1	96
36) 2-Methylnaphthalene	12.613	142	116600	19.256	ng/u1	98

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37) 1-Methylnaphthalene	12.831	142	115586	18.856	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.977	216	71231	18.723	ng/ul	98
40) Hexachlorocyclopentadiene	12.966	237	45657	17.335	ng/ul	99
41) 2,4,6-Trichlorophenol	13.207	196	42046	18.086	ng/ul	98
42) 2,4,5-Trichlorophenol	13.271	196	46089	18.359	ng/ul	98
43) 1,1'-Biphenyl	13.606	154	159777	19.426	ng/ul	97
44) 2-Chloronaphthalene	13.653	162	122526	18.604	ng/ul	96
45) 2-Nitroaniline	13.841	65	33586	17.397	ng/ul	97
47) Dimethylphthalate	14.217	163	156385	18.533	ng/ul	98
48) 2,6-Dinitrotoluene	14.329	165	27511	17.998	ng/ul	96
50) Acenaphthylene	14.493	152	196652	18.950	ng/ul	99
51) 3-Nitroaniline	14.658	138	29611	19.191	ng/ul#	96
52) Acenaphthene	14.834	153	129736	19.137	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	17618	18.553	ng/ul	88
55) 4-Nitrophenol	14.951	109	27330	17.467	ng/ul	99
56) Dibenzofuran	15.169	168	193539	19.257	ng/ul	95
57) 2,4-Dinitrotoluene	15.116	165	40348	18.603	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.386	232	40003	17.678	ng/ul#	99
59) Diethylphthalate	15.580	149	162085	18.966	ng/ul	99
61) Fluorene	15.815	166	156485	18.784	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.803	204	83239	18.777	ng/ul	96
63) 4-Nitroaniline	15.815	138	31113m	20.505	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.879	198	21992	16.537	ng/ul	97
67) N-Nitrosodiphenylamine	16.015	169	138880	19.233	ng/ul	96
68) 4-Bromophenyl-phenylether	16.696	248	49213	18.610	ng/ul	95
69) Hexachlorobenzene	16.825	284	65981	19.316	ng/ul	92
70) Atrazine	16.960	200	57511	19.433	ng/ul	99
71) Pentachlorophenol	17.160	266	36679	17.657	ng/ul	93
72) Phenanthrene	17.560	178	273708	19.527	ng/ul	97
74) Anthracene	17.648	178	269101	19.203	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.577	216	75703	19.032	ng/ul	99
76) Pentachlorobenzene	15.092	250	73363	19.224	ng/ul	98
77) Carbazole	17.906	167	246719	19.921	ng/ul	99
78) Di-n-butylphthalate	18.470	149	281552	19.117	ng/ul	98
80) Fluoranthene	19.563	202	348803	18.961	ng/ul	98
82) Pyrene	19.921	202	348606	19.065	ng/ul	99
83) Butylbenzylphthalate	20.802	149	116154	18.271	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.689	252	122211	19.540	ng/ul	91
85) Benzo(a)anthracene	21.783	228	341633	18.969	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.689	149	163975	18.623	ng/ul	99
87) Chrysene	21.848	228	324446	18.887	ng/ul	98
89) Di-n-octyl phthalate	22.940	149	274790	17.936	ng/ul	100
90) Benzo(b)fluoranthene	24.062	252	349280	18.390	ng/ul	98
91) Benzo(k)fluoranthene	24.133	252	335619	19.147	ng/ul	97
93) Benzo(a)pyrene	24.967	252	340114	18.967	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.915	276	383177	18.895	ng/ul	97
95) Dibenzo(a,h)anthracene	28.991	278	332600	19.296	ng/ul	97
96) Benzo(g,h,i)perylene	30.107	276	325408m	18.982	ng/ul	

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

