

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG053985.D
 Acq On : 21 Jun 2022 19:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

Quant Time: Jun 21 23:48:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
 Supervised By :mohammad ahmed 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	19540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	78786	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.700	164	60829	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	165480	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.721	240	185300	20.000	ng/u1	# 0.00
88) Perylene-d12	24.976	264	191751	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.502	96	3428	8.347	ng/uL	0.00
4) Pyridine-d5	3.919	84	22672	20.297	ng/u1	0.00
7) Phenol-d5	7.232	99	28833	20.597	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	17444	20.658	ng/u1	0.00
11) 2-Chlorophenol-d4	7.609	132	23788	21.310	ng/u1	0.00
15) 4-Methylphenol-d8	8.778	113	25098	21.027	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	11820	20.212	ng/u1	0.00
24) 2-Nitrophenol-d4	9.965	143	13801	22.211	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	29582	21.519	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	34869	20.078	ng/u1	0.00
46) Dimethylphthalate-d6	14.101	166	95627	19.983	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	105711	20.315	ng/u1	0.00
54) 4-Nitrophenol-d4	14.882	143	12839	19.594	ng/u1	0.00
60) Fluorene-d10	15.693	176	88070	20.489	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	18027	19.970	ng/u1	0.00
73) Anthracene-d10	17.544	188	151955	20.333	ng/u1	0.00
81) Pyrene-d10	19.829	212	195478	20.233	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.753	264	196967	20.350	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.537	88	3990	8.903	ng/uL#	81
5) Pyridine	3.936	79	23531	20.313	ng/u1	92
6) Benzaldehyde	7.215	77	18207	25.541	ng/u1	98
8) Phenol	7.262	94	31424	21.514	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.491	93	23295	21.055	ng/u1	90
12) 2-Chlorophenol	7.644	128	24589	21.574	ng/u1	93
13) 2-Methylphenol	8.519	108	23270	20.523	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.601	45	35146	21.385	ng/u1	96
16) Acetophenone	8.895	105	39669	21.490	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.883	70	19782	21.022	ng/u1	98
18) 4-Methylphenol	8.842	108	25951	21.395	ng/u1	98
19) Hexachloroethane	9.171	117	9766	20.221	ng/u1#	87
22) Nitrobenzene	9.277	77	28443	20.420	ng/u1#	89
23) Isophorone	9.800	82	54236	20.082	ng/u1	98
25) 2-Nitrophenol	9.994	139	14516	22.280	ng/u1	97
26) 2,4-Dimethylphenol	10.047	107	30041	21.115	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.288	93	32103	21.115	ng/u1	96
29) 2,4-Dichlorophenol	10.529	162	28572	20.783	ng/u1	97
30) Naphthalene	10.940	128	78882	20.183	ng/u1	99
32) 4-Chloroaniline	11.040	127	34471	20.016	ng/u1	97
33) Hexachlorobutadiene	11.228	225	26394	19.656	ng/u1	99
34) Caprolactam	11.786	113	7566m	18.443	ng/u1	
35) 4-Chloro-3-methylphenol	12.156	107	28018	21.193	ng/u1	99
36) 2-Methylnaphthalene	12.538	142	58829	20.348	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.755	142	58014	20.121	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.902	216	50644	20.483	ng/ul#	94
40) Hexachlorocyclopentadiene	12.891	237	22847	16.476	ng/ul	97
41) 2,4,6-Trichlorophenol	13.137	196	27656	21.551	ng/ul	91
42) 2,4,5-Trichlorophenol	13.208	196	31230	21.527	ng/ul	95
43) 1,1'-Biphenyl	13.537	154	86087	20.419	ng/ul	98
44) 2-Chloronaphthalene	13.584	162	71157	20.324	ng/ul	98
45) 2-Nitroaniline	13.778	65	19003	21.574	ng/ul	96
47) Dimethylphthalate	14.148	163	93505	20.330	ng/ul	98
48) 2,6-Dinitrotoluene	14.265	165	19639	21.231	ng/ul	94
50) Acenaphthylene	14.424	152	109371	20.470	ng/ul	99
51) 3-Nitroaniline	14.594	138	16824	22.405	ng/ul#	90
52) Acenaphthene	14.765	153	72304	20.265	ng/ul	97
53) 2,4-Dinitrophenol	14.806	184	6965	16.253	ng/ul#	68
55) 4-Nitrophenol	14.900	109	12332	19.200	ng/ul	90
56) Dibenzofuran	15.100	168	111699	20.461	ng/ul	97
57) 2,4-Dinitrotoluene	15.053	165	28618	21.328	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.323	232	28689	22.758	ng/ul#	90
59) Diethylphthalate	15.511	149	92559	20.524	ng/ul	98
61) Fluorene	15.746	166	91888	20.666	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	57382	20.297	ng/ul	95
63) 4-Nitroaniline	15.758	138	16233m	22.482	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.817	198	17345	20.017	ng/ul	99
67) N-Nitrosodiphenylamine	15.946	169	84036	20.772	ng/ul	99
68) 4-Bromophenyl-phenylether	16.627	248	41700	20.287	ng/ul	94
69) Hexachlorobenzene	16.757	284	48322	20.058	ng/ul#	90
70) Atrazine	16.892	200	40659	20.462	ng/ul	97
71) Pentachlorophenol	17.097	266	21377	20.935	ng/ul	93
72) Phenanthrene	17.485	178	166824	20.348	ng/ul	98
74) Anthracene	17.579	178	167561	20.280	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.508	216	53204	18.877	ng/ul	96
76) Pentachlorobenzene	15.023	250	51980	20.052	ng/ul	98
77) Carbazole	17.844	167	140948	20.691	ng/ul	99
78) Di-n-butylphthalate	18.402	149	161742	20.854	ng/ul	99
80) Fluoranthene	19.495	202	223094	20.685	ng/ul#	93
82) Pyrene	19.859	202	224128	20.902	ng/ul#	94
83) Butylbenzylphthalate	20.740	149	69245	21.428	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.610	252	86530	22.565	ng/ul	97
85) Benzo(a)anthracene	21.704	228	234712	20.550	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.610	149	99782	21.131	ng/ul#	98
87) Chrysene	21.768	228	223404	20.388	ng/ul	99
89) Di-n-octyl phthalate	22.832	149	172223	20.913	ng/ul	100
90) Benzo(b)fluoranthene	23.942	252	245789	20.759	ng/ul#	96
91) Benzo(k)fluoranthene	24.013	252	229328	20.228	ng/ul#	96
93) Benzo(a)pyrene	24.830	252	234287	20.542	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.696	276	279906	20.398	ng/ul	97
95) Dibenzo(a,h)anthracene	28.760	278	241243	20.890	ng/ul#	96
96) Benzo(g,h,i)perylene	29.865	276	234293	20.222	ng/ul#	95

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

