

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013122\
 Data File : BG052217.D
 Acq On : 31 Jan 2022 15:32
 Operator : CG/JU
 Sample : SSTD04052
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040403

Quant Time: Jan 31 16:32:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 15:44:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2022
 Supervised By :mohammad ahmed 02/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	33519	20.000	ng/u1	0.00
20) Naphthalene-d8	11.077	136	132798	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.878	164	90968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.627	188	219048	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.951	240	204909	20.000	ng/u1	# 0.00
88) Perylene-d12	25.423	264	206927	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	12598	13.430	ng/uL	0.00
4) Pyridine-d5	3.987	84	101474	34.799	ng/u1	0.00
7) Phenol-d5	7.376	99	115112	35.089	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	71238	34.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.764	132	83310	38.356	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	89801	35.213	ng/u1	0.00
21) Nitrobenzene-d5	9.409	128	42344	40.353	ng/u1	0.00
24) 2-Nitrophenol-d4	10.143	143	47457	40.892	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	92998	40.997	ng/u1	0.00
31) 4-Chloroaniline-d4	11.201	131	115341	36.511	ng/u1	0.00
46) Dimethylphthalate-d6	14.267	166	278413	37.027	ng/u1	0.00
49) Acenaphthylene-d8	14.578	160	349539	38.484	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	43616	34.694	ng/u1	0.00
60) Fluorene-d10	15.871	176	244845	37.348	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	52799	38.209	ng/u1	0.00
73) Anthracene-d10	17.727	188	396509	38.158	ng/u1	0.00
81) Pyrene-d10	20.006	212	474327	40.221	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.188	264	440132	40.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.599	88	13623	12.587	ng/uL#	89
5) Pyridine	4.010	79	102591	33.581	ng/u1	94
6) Benzaldehyde	7.359	77	78517	35.979	ng/u1	96
8) Phenol	7.406	94	114081	34.069	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.635	93	89576	36.545	ng/u1	94
12) 2-Chlorophenol	7.799	128	81970	37.097	ng/u1	99
13) 2-Methylphenol	8.675	108	88182	36.215	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.763	45	125050	33.448	ng/u1	94
16) Acetophenone	9.062	105	135885	33.761	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.045	70	81454	33.126	ng/u1	98
18) 4-Methylphenol	9.009	108	93362	35.396	ng/u1	92
19) Hexachloroethane	9.344	117	36424	38.182	ng/u1#	81
22) Nitrobenzene	9.450	77	116881	35.911	ng/u1	98
23) Isophorone	9.979	82	219689	35.702	ng/u1	97
25) 2-Nitrophenol	10.173	139	49996	39.199	ng/u1	88
26) 2,4-Dimethylphenol	10.225	107	105145	37.993	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.455	93	118185	37.304	ng/u1	99
29) 2,4-Dichlorophenol	10.719	162	85316	38.296	ng/u1	95
30) Naphthalene	11.124	128	280721	39.010	ng/u1	98
32) 4-Chloroaniline	11.224	127	115555	35.893	ng/u1	99
33) Hexachlorobutadiene	11.412	225	70827	39.884	ng/u1	97
34) Caprolactam	11.976	113	28967m	33.408	ng/u1	
35) 4-Chloro-3-methylphenol	12.340	107	97286	37.821	ng/u1	92
36) 2-Methylnaphthalene	12.716	142	200825	39.179	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.939	142	202094	38.416	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.086	216	127874	40.649	ng/ul	97
40) Hexachlorocyclopentadiene	13.069	237	74864	34.683	ng/ul	98
41) 2,4,6-Trichlorophenol	13.321	196	76847	38.650	ng/ul	93
42) 2,4,5-Trichlorophenol	13.398	196	81947	38.233	ng/ul	99
43) 1,1'-Biphenyl	13.715	154	273430	38.935	ng/ul#	96
44) 2-Chloronaphthalene	13.762	162	210604	38.723	ng/ul	98
45) 2-Nitroaniline	13.956	65	74324	35.657	ng/ul	96
47) Dimethylphthalate	14.320	163	270964	36.547	ng/ul	99
48) 2,6-Dinitrotoluene	14.443	165	57836	36.997	ng/ul	92
50) Acenaphthylene	14.608	152	344133	38.477	ng/ul	96
51) 3-Nitroaniline	14.772	138	54248	38.363	ng/ul	99
52) Acenaphthene	14.943	153	228042	38.347	ng/ul	97
53) 2,4-Dinitrophenol	14.978	184	30553	33.150	ng/ul	93
55) 4-Nitrophenol	15.084	109	45108	31.268	ng/ul	86
56) Dibenzofuran	15.277	168	328491	38.034	ng/ul	100
57) 2,4-Dinitrotoluene	15.225	165	84797	37.519	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.501	232	76063	38.260	ng/ul	89
59) Diethylphthalate	15.677	149	276127	36.098	ng/ul	97
61) Fluorene	15.924	166	269208	37.405	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.906	204	149894	37.531	ng/ul	98
63) 4-Nitroaniline	15.935	138	55291	38.057	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.000	198	50412	38.159	ng/ul#	97
67) N-Nitrosodiphenylamine	16.123	169	235963	40.089	ng/ul	96
68) 4-Bromophenyl-phenylether	16.805	248	103706	40.441	ng/ul#	87
69) Hexachlorobenzene	16.934	284	115878	40.744	ng/ul#	91
70) Atrazine	17.063	200	102917	37.688	ng/ul	97
71) Pentachlorophenol	17.281	266	56206	35.388	ng/ul	97
72) Phenanthrene	17.674	178	442961	38.593	ng/ul	98
74) Anthracene	17.762	178	436292	37.973	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.685	216	143746	43.694	ng/uL	93
76) Pentachlorobenzene	15.201	250	132448	41.366	ng/uL	98
77) Carbazole	18.027	167	392468	37.909	ng/ul	99
78) Di-n-butylphthalate	18.567	149	472088	38.577	ng/ul	99
80) Fluoranthene	19.671	202	565396	41.487	ng/ul#	92
82) Pyrene	20.036	202	545972	40.690	ng/ul#	90
83) Butylbenzylphthalate	20.905	149	198154	42.435	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.827	252	188402	39.830	ng/ul#	93
85) Benzo(a)anthracene	21.927	228	538990	39.997	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.804	149	279214	40.886	ng/ul#	97
87) Chrysene	21.998	228	505492	38.955	ng/ul	99
89) Di-n-octyl phthalate	23.102	149	465823	40.752	ng/ul	100
90) Benzo(b)fluoranthene	24.312	252	556647	40.591	ng/ul#	95
91) Benzo(k)fluoranthene	24.389	252	518643	40.905	ng/ul#	95
93) Benzo(a)pyrene	25.264	252	525114	40.461	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.435	276	604642	40.700	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.499	278	505630	40.238	ng/ul#	92
96) Benzo(g,h,i)perylene	30.698	276	506232	40.527	ng/ul#	89

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

