

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
 Data File : BG052064.D
 Acq On : 18 Jan 2022 23:05
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020494

Quant Time: Jan 19 03:12:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/19/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	31156	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.085	136	134463	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.892	164	98060	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.641	188	234142	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.959	240	197476	20.000	ng/u1	# 0.00
88) Perylene-d12	25.448	264	202641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.572	96	6033	6.919	ng/uL	0.00
4) Pyridine-d5	3.995	84	42733	15.766	ng/u1	-0.01
7) Phenol-d5	7.384	99	56112	18.401	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	33320	17.213	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.772	132	39320	19.476	ng/u1	0.00
15) 4-Methylphenol-d8	8.947	113	44765	18.885	ng/u1	0.00
21) Nitrobenzene-d5	9.417	128	22488	21.165	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	25012	21.285	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	49941	21.743	ng/u1	0.00
31) 4-Chloroaniline-d4	11.209	131	61313	19.168	ng/u1	0.00
46) Dimethylphthalate-d6	14.281	166	151207	18.655	ng/u1	0.00
49) Acenaphthylene-d8	14.586	160	192972	19.709	ng/u1	0.00
54) 4-Nitrophenol-d4	15.068	143	23406	17.272	ng/u1	0.00
60) Fluorene-d10	15.879	176	133828	18.937	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.990	200	24951	16.892	ng/u1	0.00
73) Anthracene-d10	17.741	188	214833	19.342	ng/u1	0.00
81) Pyrene-d10	20.014	212	239795	21.099	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.207	264	206013	19.311	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.607	88	6062	6.026	ng/uL#	94
5) Pyridine	4.018	79	45287	15.948	ng/u1	88
6) Benzaldehyde	7.367	77	38536	18.998	ng/u1	94
8) Phenol	7.414	94	56294	18.087	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.643	93	40292	17.685	ng/u1	91
12) 2-Chlorophenol	7.801	128	41037	19.981	ng/u1	93
13) 2-Methylphenol	8.683	108	42386	18.727	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.777	45	56720	16.322	ng/u1	98
16) Acetophenone	9.070	105	67848	18.135	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.047	70	39697	17.368	ng/u1	98
18) 4-Methylphenol	9.012	108	47254	19.274	ng/u1	100
19) Hexachloroethane	9.346	117	16880	19.037	ng/u1	88
22) Nitrobenzene	9.458	77	56721	17.211	ng/u1#	95
23) Isophorone	9.987	82	109911	17.641	ng/u1	99
25) 2-Nitrophenol	10.181	139	25844	20.012	ng/u1	95
26) 2,4-Dimethylphenol	10.233	107	55331	19.746	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.463	93	58152	18.128	ng/u1	98
29) 2,4-Dichlorophenol	10.721	162	45198	20.037	ng/u1	99
30) Naphthalene	11.138	128	141423	19.409	ng/u1	98
32) 4-Chloroaniline	11.232	127	62638	19.215	ng/u1	97
33) Hexachlorobutadiene	11.420	225	34653	19.272	ng/u1	97
34) Caprolactam	11.978	113	15917m	18.130	ng/u1	
35) 4-Chloro-3-methylphenol	12.348	107	49780	19.113	ng/u1	93
36) 2-Methylnaphthalene	12.730	142	102982	19.842	ng/u1	99

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37) 1-Methylnaphthalene	12.947	142	105646	19.834	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.094	216	66900	19.728	ng/ul	96
40) Hexachlorocyclopentadiene	13.077	237	38137	16.390	ng/ul	99
41) 2,4,6-Trichlorophenol	13.329	196	43202	20.157	ng/ul	96
42) 2,4,5-Trichlorophenol	13.400	196	46090	19.948	ng/ul	96
43) 1,1'-Biphenyl	13.723	154	147283	19.456	ng/ul	98
44) 2-Chloronaphthalene	13.770	162	113652	19.385	ng/ul	98
45) 2-Nitroaniline	13.958	65	39383	17.528	ng/ul	90
47) Dimethylphthalate	14.328	163	143410	17.944	ng/ul	98
48) 2,6-Dinitrotoluene	14.451	165	32377	19.213	ng/ul#	85
50) Acenaphthylene	14.616	152	186227	19.316	ng/ul	97
51) 3-Nitroaniline	14.780	138	30738	20.165	ng/ul	99
52) Acenaphthene	14.956	153	122117	19.050	ng/ul	96
53) 2,4-Dinitrophenol	14.986	184	18200	18.319	ng/ul#	81
55) 4-Nitrophenol	15.086	109	24580	15.806	ng/ul	84
56) Dibenzofuran	15.285	168	173727	18.660	ng/ul	97
57) 2,4-Dinitrotoluene	15.238	165	45104	18.513	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.509	232	40950	19.108	ng/ul#	89
59) Diethylphthalate	15.685	149	145384	17.632	ng/ul	96
61) Fluorene	15.937	166	146200	18.845	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.920	204	81589	18.951	ng/ul	93
63) 4-Nitroaniline	15.937	138	30497	19.473	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.002	198	24540	17.378	ng/ul#	90
67) N-Nitrosodiphenylamine	16.131	169	126124	20.046	ng/ul	96
68) 4-Bromophenyl-phenylether	16.819	248	55461	20.233	ng/ul#	86
69) Hexachlorobenzene	16.948	284	61372	20.188	ng/ul	90
70) Atrazine	17.071	200	55073	18.868	ng/ul	99
71) Pentachlorophenol	17.289	266	35694	21.024	ng/ul	97
72) Phenanthrene	17.682	178	232412	18.944	ng/ul	99
74) Anthracene	17.776	178	236157	19.229	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	70812	20.137	ng/ul	97
76) Pentachlorobenzene	15.209	250	72999	21.329	ng/ul	98
77) Carbazole	18.035	167	207761	18.774	ng/ul	99
78) Di-n-butylphthalate	18.581	149	244556	18.696	ng/ul	100
80) Fluoranthene	19.685	202	277009	21.091	ng/ul#	90
82) Pyrene	20.044	202	271320	20.982	ng/ul#	88
83) Butylbenzylphthalate	20.913	149	93552	20.789	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.841	252	95569	20.965	ng/ul#	97
85) Benzo(a)anthracene	21.941	228	253825	19.545	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.818	149	129787	19.720	ng/ul#	98
87) Chrysene	22.012	228	239147	19.123	ng/ul	100
89) Di-n-octyl phthalate	23.122	149	218326	19.504	ng/ul	100
90) Benzo(b)fluoranthene	24.338	252	263606	19.629	ng/ul#	94
91) Benzo(k)fluoranthene	24.408	252	241407	19.442	ng/ul#	96
93) Benzo(a)pyrene	25.290	252	245213	19.294	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.466	276	286313	19.680	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.548	278	245022	19.911	ng/ul#	91
96) Benzo(g,h,i)perylene	30.729	276	241700	19.759	ng/ul#	88

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

