

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022522\
 Data File : BG052492.D
 Acq On : 25 Feb 2022 17:44
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020531

Quant Time: Feb 26 03:36:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2022
 Supervised By :mohammad ahmed 03/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	27106	20.000	ng/u1	# 0.00
20) Naphthalene-d8	11.060	136	115771	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.867	164	83437	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.616	188	210287	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.934	240	212400	20.000	ng/u1	# 0.00
88) Perylene-d12	25.394	264	218110	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	6421	9.292	ng/uL	0.00
4) Pyridine-d5	3.970	84	46432	22.274	ng/u1	0.00
7) Phenol-d5	7.365	99	55099	21.437	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	33161	22.077	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	39219	21.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	42467	21.235	ng/u1	0.00
21) Nitrobenzene-d5	9.392	128	21906	22.196	ng/u1	0.00
24) 2-Nitrophenol-d4	10.126	143	23206	21.466	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	45433	22.537	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	63225	22.631	ng/u1	0.00
46) Dimethylphthalate-d6	14.256	166	152781	22.525	ng/u1	0.00
49) Acenaphthylene-d8	14.562	160	187315	22.370	ng/u1	0.00
54) 4-Nitrophenol-d4	15.055	143	22137	20.530	ng/u1	0.00
60) Fluorene-d10	15.854	176	134225	22.526	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.971	200	26488	19.866	ng/u1	0.00
73) Anthracene-d10	17.716	188	229984	22.638	ng/u1	0.00
81) Pyrene-d10	19.995	212	279034	22.451	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.153	264	261984	22.389	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.582	88	6959	8.656	ng/uL#	96
5) Pyridine	3.993	79	47256	22.453	ng/u1	92
6) Benzaldehyde	7.342	77	29994	20.549	ng/u1	96
8) Phenol	7.395	94	56798	21.849	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.618	93	42406	22.054	ng/u1	93
12) 2-Chlorophenol	7.782	128	40076	21.308	ng/u1	97
13) 2-Methylphenol	8.664	108	41472	21.075	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.740	45	59416	22.577	ng/u1	97
16) Acetophenone	9.045	105	68154	22.120	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.022	70	40624	22.395	ng/u1	98
18) 4-Methylphenol	8.993	108	44268	21.153	ng/u1	88
19) Hexachloroethane	9.322	117	16779	22.817	ng/u1#	73
22) Nitrobenzene	9.433	77	55429	21.908	ng/u1#	96
23) Isophorone	9.962	82	109880	22.512	ng/u1	97
25) 2-Nitrophenol	10.156	139	24947	21.960	ng/u1	94
26) 2,4-Dimethylphenol	10.209	107	50850	21.763	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.438	93	58013	21.960	ng/u1	98
29) 2,4-Dichlorophenol	10.702	162	42078	22.064	ng/u1	95
30) Naphthalene	11.107	128	143146	22.225	ng/u1	96
32) 4-Chloroaniline	11.213	127	67339	23.497	ng/u1	95
33) Hexachlorobutadiene	11.395	225	33508	22.267	ng/u1	97
34) Caprolactam	11.953	113	15710	22.143	ng/u1#	80
35) 4-Chloro-3-methylphenol	12.323	107	46298	21.736	ng/u1	89
36) 2-Methylnaphthalene	12.705	142	102188	22.142	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	105324	22.425	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.069	216	65026	22.207	ng/ul	93
40) Hexachlorocyclopentadiene	13.052	237	26169	18.461	ng/ul	93
41) 2,4,6-Trichlorophenol	13.304	196	36596	20.839	ng/ul	97
42) 2,4,5-Trichlorophenol	13.387	196	40399	21.583	ng/ul	98
43) 1,1'-Biphenyl	13.698	154	145032	21.861	ng/ul#	94
44) 2-Chloronaphthalene	13.745	162	109060	21.616	ng/ul	99
45) 2-Nitroaniline	13.939	65	36719	22.283	ng/ul	92
47) Dimethylphthalate	14.303	163	149781	22.590	ng/ul	98
48) 2,6-Dinitrotoluene	14.426	165	31101	21.420	ng/ul	95
50) Acenaphthylene	14.591	152	185900	22.217	ng/ul	96
51) 3-Nitroaniline	14.755	138	21262	17.981	ng/ul	99
52) Acenaphthene	14.932	153	122250	22.215	ng/ul	97
53) 2,4-Dinitrophenol	14.973	184	11776	16.402	ng/ul	84
55) 4-Nitrophenol	15.067	109	22935	21.932	ng/ul	91
56) Dibenzofuran	15.261	168	174143	22.013	ng/ul	100
57) 2,4-Dinitrotoluene	15.214	165	46898	22.298	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.490	232	35637	21.007	ng/ul	92
59) Diethylphthalate	15.660	149	150453	22.448	ng/ul	96
61) Fluorene	15.913	166	149970	22.537	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.895	204	80453	22.216	ng/ul	92
63) 4-Nitroaniline	15.919	138	16844m	14.836	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.983	198	26535	20.534	ng/ul#	91
67) N-Nitrosodiphenylamine	16.107	169	131627	22.216	ng/ul	95
68) 4-Bromophenyl-phenylether	16.794	248	56614	22.431	ng/ul#	87
69) Hexachlorobenzene	16.923	284	63419	21.899	ng/ul#	88
70) Atrazine	17.046	200	57606	22.061	ng/ul	97
71) Pentachlorophenol	17.270	266	21372m	16.385	ng/ul	
72) Phenanthrene	17.657	178	250449	22.113	ng/ul	99
74) Anthracene	17.751	178	251798	22.089	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.674	216	72411	21.768	ng/ul	97
76) Pentachlorobenzene	15.190	250	70498	22.198	ng/ul	99
77) Carbazole	18.016	167	232818	22.995	ng/ul	97
78) Di-n-butylphthalate	18.556	149	270317	22.449	ng/ul	99
80) Fluoranthene	19.660	202	333526	22.730	ng/ul#	91
82) Pyrene	20.025	202	328849	22.568	ng/ul#	89
83) Butylbenzylphthalate	20.888	149	115748	21.973	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.811	252	98049	20.898	ng/ul#	97
85) Benzo(a)anthracene	21.910	228	323695	22.491	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.787	149	161864	21.922	ng/ul#	96
87) Chrysene	21.981	228	309031	22.397	ng/ul	98
89) Di-n-octyl phthalate	23.079	149	271651	21.538	ng/ul	100
90) Benzo(b)fluoranthene	24.290	252	339282	22.311	ng/ul#	95
91) Benzo(k)fluoranthene	24.360	252	306211	21.831	ng/ul#	96
93) Benzo(a)pyrene	25.229	252	321501	22.474	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.383	276	367431	22.587	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.453	278	310936	22.392	ng/ul#	95
96) Benzo(g,h,i)perylene	30.628	276	308123	22.560	ng/ul#	89

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

