

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
 Data File : BG051751.D
 Acq On : 22 Dec 2021 15:16
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020458

Quant Time: Dec 22 23:09:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/23/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	34039	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.112	136	138824	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.913	164	96435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.657	188	221798	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.980	240	220293	20.000	ng/u1	# 0.00
88) Perylene-d12	25.481	264	226594	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	7492	9.141	ng/uL	0.00
4) Pyridine-d5	4.028	84	59267	23.932	ng/u1	-0.02
7) Phenol-d5	7.406	99	65730	21.627	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	40452	22.389	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.799	132	45929	21.728	ng/u1	-0.01
15) 4-Methylphenol-d8	8.968	113	51358	21.861	ng/u1	-0.01
21) Nitrobenzene-d5	9.444	128	22872	22.472	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.173	143	25552	22.965	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	53033	21.980	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.230	131	64686	20.362	ng/u1	-0.01
46) Dimethylphthalate-d6	14.302	166	153052	19.829	ng/u1	-0.01
49) Acenaphthylene-d8	14.608	160	195297	20.373	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	23329	18.586	ng/u1	0.00
60) Fluorene-d10	15.900	176	136390	19.723	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	23748	20.551	ng/u1	-0.01
73) Anthracene-d10	17.756	188	222218	21.003	ng/u1	0.00
81) Pyrene-d10	20.036	212	263557	19.879	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.234	264	246246	20.654	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.640	88	8074m	9.439	ng/uL	
5) Pyridine	4.046	79	62135	25.010	ng/u1	96
6) Benzaldehyde	7.394	77	46753	24.656	ng/u1	96
8) Phenol	7.435	94	67010	22.174	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.670	93	49508	21.474	ng/u1	90
12) 2-Chlorophenol	7.829	128	48081	22.175	ng/u1	99
13) 2-Methylphenol	8.704	108	50633	22.206	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.804	45	65389	20.909	ng/u1#	92
16) Acetophenone	9.098	105	75791	20.538	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.074	70	43365	19.585	ng/u1	95
18) 4-Methylphenol	9.033	108	51538	21.445	ng/u1	97
19) Hexachloroethane	9.379	117	18573	19.631	ng/u1#	68
22) Nitrobenzene	9.485	77	67403	22.768	ng/u1	98
23) Isophorone	10.008	82	120384	20.255	ng/u1	99
25) 2-Nitrophenol	10.208	139	28154	23.673	ng/u1	97
26) 2,4-Dimethylphenol	10.255	107	58546	20.431	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.490	93	63881	20.242	ng/u1	97
29) 2,4-Dichlorophenol	10.748	162	49559	21.588	ng/u1	95
30) Naphthalene	11.165	128	153876	20.574	ng/u1	97
32) 4-Chloroaniline	11.259	127	66110	20.380	ng/u1	99
33) Hexachlorobutadiene	11.453	225	38584	19.796	ng/u1	97
34) Caprolactam	11.994	113	15708m	22.600	ng/u1	
35) 4-Chloro-3-methylphenol	12.364	107	52114	20.260	ng/u1	89
36) 2-Methylnaphthalene	12.751	142	110836	20.772	ng/u1	97

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37) 1-Methylnaphthalene	12.969	142	112538	20.313	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.116	216	72423	21.591	ng/ul	95
40) Hexachlorocyclopentadiene	13.098	237	41042	16.851	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.345	196	43489	21.417	ng/ul	95
42) 2,4,5-Trichlorophenol	13.421	196	47994	22.552	ng/ul	95
43) 1,1'-Biphenyl	13.744	154	154541	20.921	ng/ul#	97
44) 2-Chloronaphthalene	13.791	162	118742	20.792	ng/ul	98
45) 2-Nitroaniline	13.979	65	42758	24.508	ng/ul	94
47) Dimethylphthalate	14.349	163	148350	19.797	ng/ul	98
48) 2,6-Dinitrotoluene	14.467	165	32052	22.374	ng/ul#	90
50) Acenaphthylene	14.637	152	190298	20.290	ng/ul	99
51) 3-Nitroaniline	14.796	138	32105	23.438	ng/ul	96
52) Acenaphthene	14.972	153	124817	20.144	ng/ul	94
53) 2,4-Dinitrophenol	15.001	184	18847	22.759	ng/ul	90
55) 4-Nitrophenol	15.089	109	24934	18.515	ng/ul#	85
56) Dibenzofuran	15.307	168	184826	20.255	ng/ul	97
57) 2,4-Dinitrotoluene	15.248	165	46419	22.862	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.524	232	39786	19.672	ng/ul#	90
59) Diethylphthalate	15.706	149	147274	18.866	ng/ul	96
61) Fluorene	15.953	166	149646	19.903	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.941	204	83141	19.853	ng/ul	92
63) 4-Nitroaniline	15.953	138	31350	22.315	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.018	198	22012	19.396	ng/ul	99
67) N-Nitrosodiphenylamine	16.147	169	130263	21.835	ng/ul	95
68) 4-Bromophenyl-phenylether	16.834	248	56338	24.942	ng/ul#	89
69) Hexachlorobenzene	16.963	284	62795	22.123	ng/ul#	89
70) Atrazine	17.087	200	55428	20.706	ng/ul	95
71) Pentachlorophenol	17.304	266	34871m	20.051	ng/ul	
72) Phenanthrene	17.698	178	238787	20.931	ng/ul	98
74) Anthracene	17.792	178	238968	20.735	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	78513	23.009	ng/uL	98
76) Pentachlorobenzene	15.230	250	71967	22.063	ng/uL	99
77) Carbazole	18.050	167	213487	20.686	ng/ul	98
78) Di-n-butylphthalate	18.596	149	257329	20.719	ng/ul	100
80) Fluoranthene	19.701	202	310815	20.423	ng/ul#	90
82) Pyrene	20.059	202	304347	20.208	ng/ul#	89
83) Butylbenzylphthalate	20.934	149	110334	21.845	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.857	252	111325	21.443	ng/ul#	96
85) Benzo(a)anthracene	21.957	228	305144	21.291	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.845	149	155044	21.915	ng/ul#	98
87) Chrysene	22.033	228	286122	20.664	ng/ul	96
89) Di-n-octyl phthalate	23.155	149	262655	21.521	ng/ul	100
90) Benzo(b)fluoranthene	24.359	252	312163	20.567	ng/ul#	95
91) Benzo(k)fluoranthene	24.436	252	298335	20.990	ng/ul#	96
93) Benzo(a)pyrene	25.317	252	296359	20.689	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.505	276	310100	19.830	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.582	278	248117	18.576	ng/ul#	94
96) Benzo(g,h,i)perylene	30.780	276	256622m	19.364	ng/ul	

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

