

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020421\
 Data File : BG048111.D
 Acq On : 4 Feb 2021 11:37
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020082

Manual Integrations
 APPROVED

mohammad
 2/8/2021 12:15:38 PM

Quant Time: Feb 04 12:54:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 04 12:51:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44971	20.00	ng/ul	0.00
20) Naphthalene-d8	10.92	136	170409	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.73	164	125280	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	316520m	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	344554	20.00	ng/ul	0.00
88) Perylene-d12	25.02	264	348801	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	9390	7.85	ng/uL	0.00
4) Pyridine-d5	3.93	84	69667	19.95	ng/ul	0.00
7) Phenol-d5	7.25	99	81284	19.39	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	52048	20.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	58254	19.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.80	113	65257	19.72	ng/ul	0.00
21) Nitrobenzene-d5	9.27	128	30173	21.05	ng/ul	0.00
24) 2-Nitrophenol-d4	10.00	143	35302	20.04	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	69749	20.93	ng/ul	0.00
31) 4-Chloroaniline-d4	11.05	131	90824	21.28	ng/ul	0.00
46) Dimethylphthalate-d6	14.13	166	215575	20.60	ng/ul	0.00
49) Acenaphthylene-d8	14.43	160	248968	20.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	39158	20.87	ng/ul	0.00
60) Fluorene-d10	15.72	176	194542	20.75	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	44064	19.47	ng/ul	0.00
73) Anthracene-d10	17.57	188	313403	20.51	ng/ul	0.00
81) Pyrene-d10	19.85	212	399844	20.82	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.79	264	412489	21.63	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	10664	7.915	ng/uL 94
5) Pyridine	3.96	79	74376	20.788	ng/ul 98
6) Benzaldehyde	7.25	77	41622	20.458	ng/ul 96
8) Phenol	7.28	94	84541	19.888	ng/ul 97
10) Bis(2-Chloroethyl)ether	7.52	93	65717	20.173	ng/ul 98
12) 2-Chlorophenol	7.67	128	59706	19.884	ng/ul 96
13) 2-Methylphenol	8.54	108	60890	19.852	ng/ul 90
14) 2,2'-oxybis(1-Chloropropan	8.63	45	85066	20.146	ng/ul 95
16) Acetophenone	8.93	105	105137	20.005	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.91	70	56799	18.879	ng/ul 97
18) 4-Methylphenol	8.87	108	66438	19.791	ng/ul 97
19) Hexachloroethane	9.20	117	27299	19.656	ng/ul 97
22) Nitrobenzene	9.31	77	87566	20.391	ng/ul 98
23) Isophorone	9.84	82	158196	20.223	ng/ul 99
25) 2-Nitrophenol	10.03	139	37162	20.993	ng/ul 95
26) 2,4-Dimethylphenol	10.08	107	76957	20.790	ng/ul 94
27) Bis(2-Chloroethoxy)methane	10.32	93	89003	20.152	ng/ul 96
29) 2,4-Dichlorophenol	10.57	162	65665	20.658	ng/ul 97
30) Naphthalene	10.97	128	198350	20.648	ng/ul 96
32) 4-Chloroaniline	11.08	127	87625	21.459	ng/ul 92
33) Hexachlorobutadiene	11.26	225	56070	20.646	ng/ul 92
34) Caprolactam	11.82	113	22646	20.477	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.18	107	72504	20.566	ng/ul	93
36) 2-Methylnaphthalene	12.57	142	147769	20.771	ng/ul	92
37) 1-Methylnaphthalene	12.79	142	142134	21.076	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	101514	20.678	ng/ul	93
40) Hexachlorocyclopentadiene	12.92	237	64174	19.977	ng/ul	91
41) 2,4,6-Trichlorophenol	13.17	196	63739	19.957	ng/ul	89
42) 2,4,5-Trichlorophenol	13.23	196	66715	19.599	ng/ul	92
43) 1,1'-Biphenyl	13.57	154	196992	20.575	ng/ul	94
44) 2-Chloronaphthalene	13.61	162	168238	20.991	ng/ul	97
45) 2-Nitroaniline	13.81	65	54769	20.463	ng/ul	97
47) Dimethylphthalate	14.18	163	222909	20.726	ng/ul	99
48) 2,6-Dinitrotoluene	14.30	165	46303	20.349	ng/ul	98
50) Acenaphthylene	14.46	152	241542	20.786	ng/ul	98
51) 3-Nitroaniline	14.63	138	28629	16.687	ng/ul#	98
52) Acenaphthene	14.80	153	175790	20.859	ng/ul	97
53) 2,4-Dinitrophenol	14.83	184	28927	19.038	ng/ul	96
55) 4-Nitrophenol	14.92	109	40900	20.805	ng/ul	99
56) Dibenzofuran	15.13	168	252398	20.776	ng/ul	97
57) 2,4-Dinitrotoluene	15.08	165	67756	21.078	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.35	232	66820	20.273	ng/ul	99
59) Diethylphthalate	15.54	149	227108	20.811	ng/ul	100
61) Fluorene	15.78	166	204207	20.706	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.77	204	124189	20.696	ng/ul	96
63) 4-Nitroaniline	15.78	138	26116	15.607	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.84	198	46004	19.462	ng/ul	100
67) N-Nitrosodiphenylamine	15.98	169	182050	19.904	ng/ul	97
68) 4-Bromophenyl-phenylether	16.66	248	84296	20.069	ng/ul	93
69) Hexachlorobenzene	16.78	284	89453	20.316	ng/ul	99
70) Atrazine	16.92	200	87292	21.298	ng/ul	97
71) Pentachlorophenol	17.12	266	53343	19.930	ng/ul	99
72) Phenanthrene	17.52	178	373377m	21.023	ng/ul	
74) Anthracene	17.61	178	376792	20.872	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.53	216	103506	20.218	ng/uL	95
76) Pentachlorobenzene	15.05	250	103517	19.938	ng/uL	94
77) Carbazole	17.87	167	326359	22.049	ng/ul	97
78) Di-n-butylphthalate	18.43	149	401088	21.305	ng/ul	99
80) Fluoranthene	19.52	202	507348	20.737	ng/ul	99
82) Pyrene	19.88	202	505633	21.114	ng/ul	99
83) Butylbenzylphthalate	20.76	149	177738	20.344	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.63	252	162473	20.078	ng/ul#	99
85) Benzo(a)anthracene	21.73	228	509126	21.187	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.63	149	259311	20.796	ng/ul	98
87) Chrysene	21.79	228	494006	21.313	ng/ul	99
89) Di-n-octyl phthalate	22.86	149	442538	22.515	ng/ul	100
90) Benzo(b)fluoranthene	23.97	252	513698	21.917	ng/ul	98
91) Benzo(k)fluoranthene	24.04	252	498889	21.793	ng/ul	97
93) Benzo(a)pyrene	24.86	252	471373	22.050	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.74	276	587292	22.158	ng/ul	97
95) Dibenzo(a,h)anthracene	28.80	278	485306	22.091	ng/ul	97
96) Benzo(g,h,i)perylene	29.91	276	484437	21.910	ng/ul	96

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

