

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047390.D
 Acq On : 21 Nov 2020 9:36
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02037

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:10 AM

Quant Time: Nov 21 11:52:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 11:50:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	39137	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	158379	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	119973	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	293105	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	265728	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	284348	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	6769	6.29	ng/uL	0.00
5) Phenol-d5	7.40	99	75149	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	41145	18.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	52139	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	56128	18.61	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	25441	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	28509	19.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	64921	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	64959	19.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	186750	18.13	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	222674	18.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	30219	19.23	ng/ul	0.00
58) Fluorene-d10	15.87	176	177236	18.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	30314	18.17	ng/ul	0.00
71) Anthracene-d10	17.72	188	284990	19.60	ng/ul	0.00
79) Pyrene-d10	19.98	212	312802	20.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	311260	19.02	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.64	88	7201	6.482	ng/uL# 68
4) Benzaldehyde	7.40	77	45266	19.525	ng/ul 90
6) Phenol	7.43	94	72189	19.198	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.67	93	48138	17.342	ng/ul 94
10) 2-Chlorophenol	7.83	128	51229	19.284	ng/ul# 88
11) 2-Methylphenol	8.70	108	54489	18.653	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.80	45	54202	18.565	ng/ul 94
14) Acetophenone	9.10	105	87960	18.934	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.08	70	51437	18.353	ng/ul# 96
16) 4-Methylphenol	9.03	108	58948	19.227	ng/ul 100
17) Hexachloroethane	9.37	117	23977	19.206	ng/ul 88
20) Nitrobenzene	9.48	77	80671	19.066	ng/ul 97
21) Isophorone	10.01	82	142059	17.616	ng/ul# 93
23) 2-Nitrophenol	10.20	139	31127	20.059	ng/ul# 81
24) 2,4-Dimethylphenol	10.24	107	72047	18.291	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.49	93	70665	18.218	ng/ul 97
27) 2,4-Dichlorophenol	10.73	162	58520	20.168	ng/ul 89
28) Naphthalene	11.15	128	173688	19.362	ng/ul 99
30) 4-Chloroaniline	11.24	127	61442	19.506	ng/ul# 83
31) Hexachlorobutadiene	11.43	225	53677	19.663	ng/ul 93
32) Caprolactam	11.98	113	18128m	17.140	ng/ul
33) 4-Chloro-3-methylphenol	12.34	107	68792	19.184	ng/ul 94
34) 2-Methylnaphthalene	12.73	142	129006	19.407	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.95	142	150213	19.226	ng/uL#	98
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	94043	19.948	ng/uL	94
38) Hexachlorocyclopentadiene	13.08	237	53394	16.276	ng/uL	98
39) 2,4,6-Trichlorophenol	13.32	196	57956	19.796	ng/uL	97
40) 2,4,5-Trichlorophenol	13.39	196	61376	20.193	ng/uL	95
41) 1,1'-Biphenyl	13.73	154	176026	18.915	ng/uL	100
42) 2-Chloronaphthalene	13.77	162	138466	18.770	ng/uL	95
43) 2-Nitroaniline	13.96	65	49518	18.456	ng/uL#	85
45) Dimethylphthalate	14.33	163	188284	17.922	ng/uL	97
46) 2,6-Dinitrotoluene	14.44	165	40127	19.946	ng/uL	98
48) Acenaphthylene	14.61	152	212211	19.182	ng/uL	97
49) 3-Nitroaniline	14.77	138	31761	20.218	ng/uL#	98
50) Acenaphthene	14.95	153	148242	19.104	ng/uL	93
51) 2,4-Dinitrophenol	14.97	184	19843	18.510	ng/uL	88
53) 4-Nitrophenol	15.05	109	44901	19.737	ng/uL	93
54) Dibenzofuran	15.28	168	215677	18.923	ng/uL	100
55) 2,4-Dinitrotoluene	15.22	165	54576	19.120	ng/uL#	98
56) 2,3,4,6-Tetrachlorophenol	15.49	232	60246	20.697	ng/uL	91
57) Diethylphthalate	15.68	149	189026	18.341	ng/uL	96
59) Fluorene	15.92	166	182845	19.042	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.91	204	112003	19.419	ng/uL	95
61) 4-Nitroaniline	15.92	138	36169	19.664	ng/uL	94
64) 4,6-Dinitro-2-methylphenol	15.98	198	32266	18.481	ng/uL	91
65) N-Nitrosodiphenylamine	16.12	169	166307	19.878	ng/uL	98
66) 4-Bromophenyl-phenylether	16.80	248	73510	19.742	ng/uL	96
67) Hexachlorobenzene	16.92	284	80726	20.725	ng/uL#	92
68) Atrazine	17.05	200	70374	19.111	ng/uL	95
69) Pentachlorophenol	17.26	266	47807	20.984	ng/uL	94
70) Phenanthrene	17.66	178	312889	19.768	ng/uL	97
72) Anthracene	17.75	178	317592	19.924	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	95051	20.630	ng/uL	97
74) Pentachlorobenzene	15.20	250	90718	20.479	ng/uL	96
75) Carbazole	18.01	167	264751	20.590	ng/uL	98
76) Di-n-butylphthalate	18.56	149	314859	19.224	ng/uL	99
77) Fluoranthene	19.65	202	389701	19.495	ng/uL	99
80) Pvrene	20.01	202	381467	20.266	ng/uL#	98
81) Butylbenzylphthalate	20.88	149	132602	20.058	ng/uL	96
82) 3,3'-Dichlorobenzidine	21.78	252	119646	19.287	ng/uL	89
83) Benzo(a)anthracene	21.88	228	372688	19.712	ng/uL	95
84) Bis(2-ethylhexyl)phthalate	21.77	149	183748	19.940	ng/uL	98
85) Chrysene	21.95	228	349754	19.439	ng/uL	99
87) Di-n-octyl phthalate	23.05	149	307894	19.550	ng/uL	100
88) Benzo(b)fluoranthene	24.21	252	380887	18.972	ng/uL	99
89) Benzo(k)fluoranthene	24.28	252	365000	18.449	ng/uL	96
91) Benzo(a)pyrene	25.14	252	339043	18.944	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	29.20	276	412109	18.930	ng/uL	100
93) Dibenzo(a,h)anthracene	29.27	278	344962	19.327	ng/uL	99
94) Benzo(a,h,i)perylene	30.42	276	345135	19.213	ng/uL	94

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

