

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047552.D
 Acq On : 4 Dec 2020 00:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02072

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:58 PM

Quant Time: Dec 04 02:35:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	31561	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	117619	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	89602	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	228821	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	251877	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	265898	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5613	6.47	ng/uL	0.01
5) Phenol-d5	7.38	99	57067	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	32174	17.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	44615	21.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	45742	18.81	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	22295	22.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	24968	23.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	54651	22.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	51430	20.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	159616	20.75	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	187040	21.04	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	25654	21.86	ng/ul	0.00
58) Fluorene-d10	15.85	176	151595	21.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	32027	24.59	ng/ul	0.00
71) Anthracene-d10	17.70	188	243628	21.46	ng/ul	0.00
79) Pyrene-d10	19.96	212	298225	20.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	335833	21.94	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.63	88	6436m	7.184	ng/uL
4) Benzaldehyde	7.37	77	33079	17.694	ng/ul#
6) Phenol	7.41	94	57045	18.812	ng/ul
8) Bis(2-Chloroethyl)ether	7.66	93	38897	17.377	ng/ul#
10) 2-Chlorophenol	7.81	128	45864	21.408	ng/ul
11) 2-Methylphenol	8.68	108	44288	18.800	ng/ul#
12) 2,2'-oxybis(1-Chloropropan	8.78	45	37725	16.023	ng/ul
14) Acetophenone	9.08	105	73293	19.564	ng/ul
15) N-Nitroso-di-n-propylamine	9.06	70	39987	17.692	ng/ul#
16) 4-Methylphenol	9.00	108	45844	18.542	ng/ul
17) Hexachloroethane	9.35	117	23416	23.259	ng/ul
20) Nitrobenzene	9.46	77	67711	21.548	ng/ul#
21) Isophorone	9.98	82	112451	18.777	ng/ul
23) 2-Nitrophenol	10.18	139	26113	22.659	ng/ul
24) 2,4-Dimethylphenol	10.22	107	60321	20.620	ng/ul
25) Bis(2-Chloroethoxy)methane	10.46	93	51312	17.813	ng/ul
27) 2,4-Dichlorophenol	10.71	162	49324	22.889	ng/ul
28) Naphthalene	11.13	128	139933	21.005	ng/ul
30) 4-Chloroaniline	11.22	127	48279	20.638	ng/ul
31) Hexachlorobutadiene	11.41	225	50931	25.122	ng/ul
32) Caprolactam	11.97	113	14939m	19.020	ng/ul
33) 4-Chloro-3-methylphenol	12.32	107	52571	19.740	ng/ul
34) 2-Methylnaphthalene	12.71	142	105437	21.358	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	119934	20.670	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	81004	23.006	ng/uL#	94
38) Hexachlorocyclopentadiene	13.05	237	53930	22.012	ng/uL	92
39) 2,4,6-Trichlorophenol	13.30	196	49088	22.451	ng/uL	89
40) 2,4,5-Trichlorophenol	13.37	196	50821m	22.388	ng/uL	
41) 1,1'-Biphenyl	13.70	154	146036	21.012	ng/uL	96
42) 2-Chloronaphthalene	13.75	162	115416	20.949	ng/uL	98
43) 2-Nitroaniline	13.94	65	40535	20.229	ng/uL	89
45) Dimethylphthalate	14.30	163	163171	20.796	ng/uL	99
46) 2,6-Dinitrotoluene	14.43	165	34519	22.974	ng/uL	97
48) Acenaphthylene	14.59	152	173309	20.975	ng/uL	95
49) 3-Nitroaniline	14.75	138	26339	22.449	ng/uL	89
50) Acenaphthene	14.92	153	119674	20.649	ng/uL	94
51) 2,4-Dinitrophenol	14.95	184	19166	23.938	ng/uL#	82
53) 4-Nitrophenol	15.04	109	41897	24.659	ng/uL	90
54) Dibenzofuran	15.26	168	180269	21.177	ng/uL	95
55) 2,4-Dinitrotoluene	15.21	165	47745	22.397	ng/uL	91
56) 2,3,4,6-Tetrachlorophenol	15.48	232	47372	21.790	ng/uL#	93
57) Diethylphthalate	15.65	149	153128	19.894	ng/uL	98
59) Fluorene	15.91	166	148873	20.759	ng/uL	96
60) 4-Chlorophenyl-phenylether	15.89	204	88443	20.531	ng/uL	89
61) 4-Nitroaniline	15.91	138	29709	21.626	ng/uL#	79
64) 4,6-Dinitro-2-methylphenol	15.96	198	32951	24.176	ng/uL#	87
65) N-Nitrosodiphenylamine	16.10	169	136783	20.942	ng/uL	99
66) 4-Bromophenyl-phenylether	16.78	248	63118	21.714	ng/uL	95
67) Hexachlorobenzene	16.90	284	73520	24.178	ng/uL	89
68) Atrazine	17.03	200	59239	20.606	ng/uL	91
69) Pentachlorophenol	17.25	266	38385	21.581	ng/uL	96
70) Phenanthrene	17.64	178	266615	21.576	ng/uL	97
72) Anthracene	17.73	178	262665	21.107	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	81351	22.617	ng/uL	100
74) Pentachlorobenzene	15.18	250	78802	22.787	ng/uL#	87
75) Carbazole	17.99	167	223057	22.221	ng/uL	97
76) Di-n-butylphthalate	18.53	149	269161	21.051	ng/uL	99
77) Fluoranthene	19.63	202	376370	24.118	ng/uL	99
80) Pvrene	19.99	202	367440	20.594	ng/uL#	98
81) Butylbenzylphthalate	20.86	149	128224	20.463	ng/uL	93
82) 3,3'-Dichlorobenzidine	21.76	252	132993	22.618	ng/uL	90
83) Benzo(a)anthracene	21.86	228	380151	21.212	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.74	149	182472	20.891	ng/uL	100
85) Chrysene	21.92	228	361212	21.180	ng/uL	96
87) Di-n-octyl phthalate	23.01	149	307940	20.910	ng/uL	100
88) Benzo(b)fluoranthene	24.18	252	410529	21.867	ng/uL	95
89) Benzo(k)fluoranthene	24.25	252	393647m	21.277	ng/uL	
91) Benzo(a)pyrene	25.10	252	355723	21.255	ng/uL	96
92) Indeno(1,2,3-cd)pyrene	29.14	276	444234	21.822	ng/uL#	95
93) Dibenzo(a,h)anthracene	29.21	278	372646	22.326	ng/uL	99
94) Benzo(a,h,i)perylene	30.37	276	368582	21.942	ng/uL#	97

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

