

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041923.D
 Acq On : 4 Aug 2019 00:19
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02079

Manual Integrations
 APPROVED

mohammad
 8/5/2019 3:02:27 PM

Quant Time: Aug 04 03:19:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 04 02:31:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	71376	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.86	136	301930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	217300	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	477412	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	469814	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	505942	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	12467	7.64	ng/uL	0.00
5) Phenol-d5	7.18	99	118564	21.17	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.35	67	62752	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	102088	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	99502	21.16	ng/ul	-0.01
19) Nitrobenzene-d5	9.20	128	49632	21.84	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.93	143	61784	23.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123088	23.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.99	131	131618	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	350981	20.83	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	413457	21.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	58459	20.66	ng/ul	0.00
57) Fluorene-d10	15.69	176	315892	21.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	57315	18.71	ng/ul	0.00
70) Anthracene-d10	17.55	188	499823	21.82	ng/ul	0.00
78) Pyrene-d10	19.83	212	560640	21.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	595446	22.53	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	12709	7.520	ng/uL 92
4) Benzaldehyde	7.16	77	55676	21.036	ng/ul 99
6) Phenol	7.21	94	123839	21.418	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.45	93	92990	21.140	ng/ul 98
10) 2-Chlorophenol	7.59	128	105632	21.760	ng/ul 96
11) 2-Methylphenol	8.47	108	97425	21.016	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.57	45	154596	20.777	ng/ul 98
14) Acetophenone	8.86	105	151609	20.961	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.85	70	77162	20.195	ng/ul 97
16) 4-Methylphenol	8.81	108	106370	21.240	ng/ul 82
17) Hexachloroethane	9.13	117	35952	17.885	ng/ul 86
20) Nitrobenzene	9.24	77	109086	21.073	ng/ul 96
21) Isophorone	9.77	82	202736	19.643	ng/ul# 95
23) 2-Nitrophenol	9.96	139	67096	23.798	ng/ul 98
24) 2,4-Dimethylphenol	10.02	107	119165	21.422	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.26	93	126011	20.564	ng/ul 97
27) 2,4-Dichlorophenol	10.50	162	120469	22.804	ng/ul 98
28) Naphthalene	10.91	128	335777	21.753	ng/ul 99
30) 4-Chloroaniline	11.01	127	130368	21.944	ng/ul 100
31) Hexachlorobutadiene	11.21	225	89658	22.354	ng/ul 97
32) Caprolactam	11.77	113	34622	20.256	ng/ul 96
33) 4-Chloro-3-methylphenol	12.14	107	113145	21.738	ng/ul 98
34) 2-Methylnaphthalene	12.52	142	268143	21.856	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	180242	23.199	ng/ul	97
37) Hexachlorocyclopentadiene	12.87	237	90914	18.534	ng/ul	92
38) 2,4,6-Trichlorophenol	13.12	196	112846	23.469	ng/ul	98
39) 2,4,5-Trichlorophenol	13.20	196	123113	22.955	ng/ul	99
40) 1,1'-Biphenyl	13.53	154	342235	21.660	ng/ul	98
41) 2-Chloronaphthalene	13.57	162	279880	21.998	ng/ul	98
42) 2-Nitroaniline	13.76	65	71381	21.447	ng/ul	94
44) Dimethylphthalate	14.14	163	344091	20.563	ng/ul	98
45) 2,6-Dinitrotoluene	14.26	165	77872	21.395	ng/ul	99
47) Acenaphthylene	14.42	152	417933	21.509	ng/ul	98
48) 3-Nitroaniline	14.59	138	66722	22.986	ng/ul	91
49) Acenaphthene	14.76	153	285923	21.045	ng/ul	100
50) 2,4-Dinitrophenol	14.80	184	42306	21.242	ng/ul#	89
52) 4-Nitrophenol	14.90	109	44208	21.082	ng/ul	91
53) Dibenzofuran	15.09	168	439032	21.652	ng/ul	100
54) 2,4-Dinitrotoluene	15.05	165	112773	21.310	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.32	232	114717	22.570	ng/ul#	97
56) Diethylphthalate	15.51	149	331215	19.898	ng/ul	97
58) Fluorene	15.74	166	346375	21.208	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.74	204	202064	21.306	ng/ul	97
60) 4-Nitroaniline	15.75	138	76002	23.502	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.82	198	62932	19.071	ng/ul#	97
64) N-Nitrosodiphenylamine	15.95	169	315019	22.241	ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	143547	22.712	ng/ul	96
66) Hexachlorobenzene	16.76	284	139587	21.990	ng/ul	95
67) Atrazine	16.89	200	124138	20.913	ng/ul	97
68) Pentachlorophenol	17.09	266	86797	25.105	ng/ul	95
69) Phenanthrene	17.49	178	575849	22.033	ng/ul	100
71) Anthracene	17.58	178	580991	21.917	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	182861	24.036	ng/ul	98
73) Pentachlorobenzene	15.02	250	181033	23.534	ng/ul	98
74) Carbazole	17.85	167	501875	22.856	ng/ul	100
75) Di-n-butylphthalate	18.41	149	561648	20.753	ng/ul	99
76) Fluoranthene	19.50	202	711451	23.559	ng/ul	99
79) Pvrene	19.86	202	690501	21.850	ng/ul	98
80) Butylbenzylphthalate	20.75	149	251069	20.184	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.62	252	215109	20.145	ng/ul	98
82) Benzo(a)anthracene	21.71	228	705451	21.657	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	335521	19.769	ng/ul	100
84) Chrysene	21.78	228	675333	22.213	ng/ul	99
86) Di-n-octyl phthalate	22.86	149	582865	23.285	ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	719686	22.667	ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	695393	22.779	ng/ul	99
90) Benzo(a)pyrene	24.85	252	689542	22.791	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.74	276	697533	19.766	ng/ul	98
92) Dibenzo(a,h)anthracene	28.80	278	606665	21.075	ng/ul	99
93) Benzo(g,h,i)perylene	29.91	276	537928m	18.258	ng/ul	

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

