

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041897.D
 Acq On : 2 Aug 2019 21:41
 Operator : HP/JU
 Sample : SSTD08074
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD08074

Manual Integrations
 APPROVED

mohammad
 8/5/2019 3:01:18 PM

Quant Time: Aug 03 02:53:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 01:46:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86018	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	378322	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	279673	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	630416	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	618784	20.00	ng/ul	0.01
85) Perylene-d12	25.00	264	724341	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	59238	31.72	ng/uL	0.00
5) Phenol-d5	7.18	99	559522	76.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	301516	70.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	467558	77.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	472050	77.89	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	233756	77.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	287432	85.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	553805	80.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	615110	84.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	1564383	63.71	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	1766068	59.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	305228	76.38	ng/ul	0.02
57) Fluorene-d10	15.69	176	1369052	63.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	359990	92.48	ng/ul	0.02
70) Anthracene-d10	17.55	188	2061837m	63.59	ng/ul	0.00
78) Pyrene-d10	19.83	212	2333262	64.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	2799256	67.03	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.45	88	58817	30.667	ng/uL#	89
4) Benzaldehyde	7.16	77	263944	78.347	ng/ul	96
6) Phenol	7.21	94	567935	80.731	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.45	93	420728	78.416	ng/ul	98
10) 2-Chlorophenol	7.59	128	476201	83.010	ng/ul	96
11) 2-Methylphenol	8.48	108	466579	85.484	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.56	45	707630	97.009	ng/ul	98
14) Acetophenone	8.86	105	697195	78.875	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.86	70	370393	80.733	ng/ul	96
16) 4-Methylphenol	8.82	108	490770	82.925	ng/ul	91
17) Hexachloroethane	9.13	117	185655	77.665	ng/ul	96
20) Nitrobenzene	9.25	77	514907	75.692	ng/ul	97
21) Isophorone	9.78	82	1017204	79.123	ng/ul	97
23) 2-Nitrophenol	9.96	139	298626	86.928	ng/ul	99
24) 2,4-Dimethylphenol	10.02	107	546646	78.203	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	606001	76.400	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	532210	83.618	ng/ul	99
28) Naphthalene	10.91	128	1421229	73.120	ng/ul	97
30) 4-Chloroaniline	11.01	127	614762	88.709	ng/ul	99
31) Hexachlorobutadiene	11.20	225	382996	85.354	ng/ul	97
32) Caprolactam	11.80	113	183860m	100.600	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	530639	83.356	ng/ul	100
34) 2-Methylnaphthalene	12.52	142	1145252	76.678	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	743873	74.069	ng/ul	98
37) Hexachlorocyclopentadiene	12.87	237	520598	86.137	ng/ul	93
38) 2,4,6-Trichlorophenol	13.12	196	511007	82.839	ng/ul	98
39) 2,4,5-Trichlorophenol	13.20	196	554545	83.297	ng/ul	98
40) 1,1'-Biphenyl	13.53	154	1427253	63.110	ng/ul	90
41) 2-Chloronaphthalene	13.57	162	1195303	66.680	ng/ul	93
42) 2-Nitroaniline	13.76	65	356625	81.519	ng/ul	95
44) Dimethylphthalate	14.15	163	1505317	66.180	ng/ul#	94
45) 2,6-Dinitrotoluene	14.26	165	384837	87.033	ng/ul	99
47) Acenaphthylene	14.42	152	1712631	65.247	ng/ul#	90
48) 3-Nitroaniline	14.59	138	311149	81.981	ng/ul	90
49) Acenaphthene	14.76	153	1266862	66.478	ng/ul	96
50) 2,4-Dinitrophenol	14.79	184	256728	114.468	ng/ul	94
52) 4-Nitrophenol	14.90	109	227899	77.133	ng/ul	98
53) Dibenzofuran	15.10	168	1765474	64.222	ng/ul	89
54) 2,4-Dinitrotoluene	15.05	165	541314	84.261	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.32	232	538148	91.608	ng/ul#	99
56) Diethylphthalate	15.51	149	1509865	68.398	ng/ul#	93
58) Fluorene	15.74	166	1432026	64.393	ng/ul#	97
59) 4-Chlorophenyl-phenylether	15.74	204	881544	71.992	ng/ul	96
60) 4-Nitroaniline	15.77	138	352794	87.033	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.82	198	390643	99.377	ng/ul	97
64) N-Nitrosodiphenylamine	15.95	169	1363923	71.815	ng/ul	95
65) 4-Bromophenyl-phenylether	16.63	248	645229	82.292	ng/ul	97
66) Hexachlorobenzene	16.75	284	637248	72.658	ng/ul	99
67) Atrazine	16.90	200	608296	84.913	ng/ul	97
68) Pentachlorophenol	17.10	266	430019	97.782	ng/ul	98
69) Phenanthrene	17.49	178	2273224	64.878	ng/ul#	87
71) Anthracene	17.58	178	2273570	63.671	ng/ul#	87
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	785896	79.048	ng/ul	99
73) Pentachlorobenzene	15.02	250	785497	77.214	ng/ul	99
74) Carbazole	17.85	167	2121139	71.087	ng/ul#	88
75) Di-n-butylphthalate	18.41	149	2278651m	63.689	ng/ul	
76) Fluoranthene	19.50	202	2691712	67.971	ng/ul#	92
79) Pvrene	19.86	202	2509360m	58.359	ng/ul	
80) Butylbenzylphthalate	20.74	149	1184123	73.252	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.62	252	1135178	80.801	ng/ul	99
82) Benzo(a)anthracene	21.71	228	2803323	66.047	ng/ul#	85
83) Bis(2-ethylhexyl)phthalate	21.62	149	1557258	67.587	ng/ul	92
84) Chrysene	21.78	228	2609636	65.442	ng/ul#	84
86) Di-n-octyl phthalate	22.85	149	2647023	64.638	ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	3214078	70.224	ng/ul	93
88) Benzo(k)fluoranthene	24.03	252	2941198	66.709	ng/ul#	90
90) Benzo(a)pyrene	24.86	252	3039149	70.077	ng/ul	92
91) Indeno(1,2,3-cd)pyrene	28.75	276	3887531	76.309	ng/ul	97
92) Dibenzo(a,h)anthracene	28.82	278	3086667	72.401	ng/ul	94
93) Benzo(g,h,i)perylene	29.93	276	3218147	76.636	ng/ul	98

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

