

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022586.D
 Acq On : 09 Sep 2019 03:18
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02060

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:08:47 PM

Quant Time: Sep 09 04:06:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 01:43:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	318416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1457748	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	931375	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1916219	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	2046132	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	2359445	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	61629	8.06	ng/uL	0.00
5) Phenol-d5	7.01	99	603380	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	359912	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	481261	20.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	489547	20.50	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	224736	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	207091	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	483491	19.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	704302	21.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1458910	19.33	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	1890903	20.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	283003	21.95	ng/ul	0.00
58) Fluorene-d10	15.47	176	1261663	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	182863	21.00	ng/ul	0.00
71) Anthracene-d10	17.32	188	2009933	20.48	ng/ul	0.00
79) Pyrene-d10	19.61	212	2207812	19.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	2426872	19.14	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	61205	7.960	ng/uL 95
4) Benzaldehyde	6.99	77	395090	25.759	ng/ul 98
6) Phenol	7.04	94	621154	20.239	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.27	93	475466	20.397	ng/ul 100
10) 2-Chlorophenol	7.42	128	493818	20.251	ng/ul 99
11) 2-Methylphenol	8.29	108	473976	19.788	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	719247	20.980	ng/ul 99
14) Acetophenone	8.67	105	765996	20.557	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.66	70	397825	19.765	ng/ul 99
16) 4-Methylphenol	8.62	108	513127	19.840	ng/ul 99
17) Hexachloroethane	8.94	117	192836	19.961	ng/ul 96
20) Nitrobenzene	9.05	77	558578	21.228	ng/ul 98
21) Isophorone	9.58	82	1092733	18.533	ng/ul 100
23) 2-Nitrophenol	9.76	139	245145	21.297	ng/ul 98
24) 2,4-Dimethylphenol	9.82	107	561035	19.440	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.06	93	681951	19.726	ng/ul 100
27) 2,4-Dichlorophenol	10.29	162	469751	19.324	ng/ul 99
28) Naphthalene	10.70	128	1589486	19.667	ng/ul 100
30) 4-Chloroaniline	10.80	127	695468	20.816	ng/ul 99
31) Hexachlorobutadiene	11.00	225	274782	18.348	ng/ul 98
32) Caprolactam	11.56	113	209980m	23.205	ng/ul
33) 4-Chloro-3-methylphenol	11.92	107	517814	19.303	ng/ul 98
34) 2-Methylnaphthalene	12.31	142	1172173	19.251	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	1154692	19.848	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	565257	18.809	ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	316525	17.085	ng/ul	99
39) 2,4,6-Trichlorophenol	12.92	196	360236	19.150	ng/ul	98
40) 2,4,5-Trichlorophenol	12.99	196	399483	19.583	ng/ul	98
41) 1,1'-Biphenyl	13.32	154	1490498	19.218	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	1164541	19.832	ng/ul	99
43) 2-Nitroaniline	13.56	65	326200	23.794	ng/ul	98
45) Dimethylphthalate	13.95	163	1472091	19.216	ng/ul	100
46) 2,6-Dinitrotoluene	14.05	165	280963	22.526	ng/ul	100
48) Acenaphthylene	14.21	152	1770465	18.888	ng/ul	100
49) 3-Nitroaniline	14.38	138	325801	24.089	ng/ul#	97
50) Acenaphthene	14.55	153	1284064	19.770	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	111706	19.524	ng/ul#	79
53) 4-Nitrophenol	14.68	109	222493	21.480	ng/ul	96
54) Dibenzofuran	14.89	168	1756159	19.482	ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	419869	22.981	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.11	232	327609	19.332	ng/ul	99
57) Diethylphthalate	15.31	149	1508573	19.033	ng/ul	99
59) Fluorene	15.53	166	1492524	20.126	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	728155	19.840	ng/ul	98
61) 4-Nitroaniline	15.54	138	366908	23.807	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.60	198	196963	19.543	ng/ul	95
65) N-Nitrosodiphenylamine	15.74	169	1274841	19.496	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	439392	18.352	ng/ul	99
67) Hexachlorobenzene	16.54	284	507773	19.246	ng/ul	98
68) Atrazine	16.69	200	544302	21.652	ng/ul	100
69) Pentachlorophenol	16.87	266	270157	18.558	ng/ul	98
70) Phenanthrene	17.27	178	2339097	19.936	ng/ul	100
72) Anthracene	17.36	178	2403674	19.944	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	556225	18.646	ng/uL	99
74) Pentachlorobenzene	14.81	250	587650	19.541	ng/uL	99
75) Carbazole	17.62	167	2195653	20.269	ng/ul	99
76) Di-n-butylphthalate	18.19	149	2584003	18.836	ng/ul	99
77) Fluoranthene	19.27	202	2742996	20.601	ng/ul	97
80) Pvrene	19.64	202	2869165	19.376	ng/ul	99
81) Butylbenzylphthalate	20.54	149	1150383	18.426	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.31	252	971359	18.668	ng/ul	99
83) Benzo(a)anthracene	21.38	228	2967982	19.554	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.32	149	1827414	19.289	ng/ul	100
85) Chrysene	21.43	228	2772008	19.846	ng/ul	99
87) Di-n-octyl phthalate	22.22	149	2959252	17.520	ng/ul	100
88) Benzo(b)fluoranthene	22.99	252	3007153	19.373	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	2984981	19.788	ng/ul	99
91) Benzo(a)pyrene	23.59	252	2966825	20.032	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.02	276	3522005	20.585	ng/ul	97
93) Dibenzo(a,h)anthracene	26.03	278	2930789	20.584	ng/ul	99
94) Benzo(a,h,i)perylene	26.73	276	2772219	19.724	ng/ul	97

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

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

