

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082219\
 Data File : BM022244.D
 Acq On : 22 Aug 2019 18:34
 Operator : HP/JU
 Sample : SSTD08044
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD08044

Manual Integrations
 APPROVED

mohammad
 8/26/2019 8:28:55 AM

Quant Time: Aug 22 19:09:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Aug 22 18:08:08 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	27182	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	127967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	92539	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	212373	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	309232	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	291705	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	21178	31.91	ng/uL	0.00
5) Phenol-d5	6.76	99	200163	94.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	113697	89.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	164544	90.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	173926	99.74	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	82938	86.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	101277	92.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	203413	92.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	227617	92.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	683545	88.79	ng/ul	0.01
46) Acenaphthylene-d8	13.92	160	741131	84.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	109210	104.80	ng/ul	0.01
57) Fluorene-d10	15.23	176	591178	91.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	149265	100.89	ng/ul	0.01
70) Anthracene-d10	17.09	188	1029875	93.74	ng/ul	0.00
78) Pyrene-d10	19.39	212	1361354	82.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	1476773	94.35	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.16	88	20945	26.984	ng/uL	94
4) Benzaldehyde	6.73	77	113388	90.830	ng/ul	95
6) Phenol	6.78	94	216040	95.239	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	150272	88.817	ng/ul	95
10) 2-Chlorophenol	7.13	128	175454	92.446	ng/ul	97
11) 2-Methylphenol	8.02	108	168254	98.943	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	191331	90.918	ng/ul	99
14) Acetophenone	8.40	105	298703	100.847	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	156491	108.820	ng/ul	97
16) 4-Methylphenol	8.36	108	185988	102.880	ng/ul	99
17) Hexachloroethane	8.61	117	81376	85.270	ng/ul	98
20) Nitrobenzene	8.78	77	233660	83.002	ng/ul	98
21) Isophorone	9.30	82	430363	92.009	ng/ul	99
23) 2-Nitrophenol	9.47	139	111210	92.045	ng/ul	95
24) 2,4-Dimethylphenol	9.53	107	244076	89.548	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	232985	88.518	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	208238	96.717	ng/ul	98
28) Naphthalene	10.39	128	575585	82.414	ng/ul	99
30) 4-Chloroaniline	10.53	127	241217	94.070	ng/ul	99
31) Hexachlorobutadiene	10.64	225	183459	82.705	ng/ul	99
32) Caprolactam	11.37	113	59581m	102.242	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	221774	98.376	ng/ul	100
34) 2-Methylnaphthalene	12.01	142	459126	91.422	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	330990	81.786	ng/ul	98
37) Hexachlorocyclopentadiene	12.33	237	177199	115.009	ng/ul	99
38) 2,4,6-Trichlorophenol	12.64	196	200361	90.197	ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	211407	86.692	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	639749	83.296	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	500004	82.666	ng/ul	98
42) 2-Nitroaniline	13.33	65	165296	96.640	ng/ul	98
44) Dimethylphthalate	13.70	163	697568	88.816	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	140405	95.512	ng/ul	94
47) Acenaphthylene	13.95	152	791755	86.092	ng/ul	100
48) 3-Nitroaniline	14.17	138	118830	91.500	ng/ul	94
49) Acenaphthene	14.29	153	548233	84.677	ng/ul	100
50) 2,4-Dinitrophenol	14.40	184	92071	115.609	ng/ul	98
52) 4-Nitrophenol	14.50	109	174530m	109.967	ng/ul	
53) Dibenzofuran	14.63	168	855769	91.667	ng/ul	96
54) 2,4-Dinitrotoluene	14.64	165	235270	107.186	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.86	232	223898	99.729	ng/ul	91
56) Diethylphthalate	15.07	149	758722	93.117	ng/ul	97
58) Fluorene	15.28	166	784824	104.161	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	490552	108.509	ng/ul	97
60) 4-Nitroaniline	15.36	138	127195	100.775	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.41	198	163353	102.498	ng/ul#	91
64) N-Nitrosodiphenylamine	15.50	169	600042	90.970	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	281397	93.677	ng/ul	94
66) Hexachlorobenzene	16.28	284	314784	94.908	ng/ul	97
67) Atrazine	16.47	200	281886	89.035	ng/ul	99
68) Pentachlorophenol	16.64	266	186775	99.278	ng/ul	97
69) Phenanthrene	17.03	178	1146083	91.627	ng/ul	99
71) Anthracene	17.12	178	1236344	95.806	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	331496	77.736	ng/uL	98
73) Pentachlorobenzene	14.54	250	368122	86.108	ng/uL	99
74) Carbazole	17.40	167	1012904	89.881	ng/ul	99
75) Di-n-butylphthalate	17.95	149	1365975	99.977	ng/ul	100
76) Fluoranthene	19.06	202	1649806	95.238	ng/ul#	96
79) Pyrene	19.42	202	1774254	85.171	ng/ul#	95
80) Butylbenzylphthalate	20.33	149	709750	86.562	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.12	252	728442	95.297	ng/ul#	98
82) Benzo(a)anthracene	21.18	228	2066838	88.703	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.10	149	1088495	93.023	ng/ul#	93
84) Chrysene	21.23	228	1957402	89.511	ng/ul	100
86) Di-n-octyl phthalate	21.97	149	1852852	107.796	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	1946272	99.391	ng/ul#	98
88) Benzo(k)fluoranthene	22.78	252	1956310	101.808	ng/ul#	98
90) Benzo(a)pyrene	23.30	252	1866179	98.924	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	2062602	87.750	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	1836938	93.361	ng/ul	98
93) Benzo(g,h,i)perylene	26.27	276	1375425	73.657	ng/ul	98

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

