

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024802.D
 Acq On : 08 Feb 2020 16:50
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02007

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:22:56 AM

Quant Time: Feb 10 00:31:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	357001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1399928	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	945149	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	2083908	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1945422	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	2105420	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	56553	7.62	ng/uL	0.00
5) Phenol-d5	6.60	99	512368	21.60	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	294114	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	468540	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	430306	21.50	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	224530	22.18	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	269577	22.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	517660	21.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	499660	22.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1483288	20.79	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1790064	21.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	251776	21.72	ng/ul	0.00
58) Fluorene-d10	15.06	176	1317803	20.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	272324	20.05	ng/ul	0.00
71) Anthracene-d10	16.91	188	2023464	21.27	ng/ul	0.00
79) Pyrene-d10	19.22	212	2241618	23.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2296665	21.72	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.05	88	60288	7.703	ng/uL 98
4) Benzaldehyde	6.56	77	350446	22.467	ng/ul 96
6) Phenol	6.63	94	527725	21.140	ng/ul 95
8) Bis(2-Chloroethyl)ether	6.85	93	433787	21.520	ng/ul 95
10) 2-Chlorophenol	6.97	128	472042	21.791	ng/ul 99
11) 2-Methylphenol	7.86	108	416228	21.482	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	7.94	45	367877	23.207	ng/ul 97
14) Acetophenone	8.22	105	673855	21.369	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.22	70	332325	22.296	ng/ul 99
16) 4-Methylphenol	8.18	108	453884	21.696	ng/ul 99
17) Hexachloroethane	8.46	117	212078	21.712	ng/ul 93
20) Nitrobenzene	8.58	77	513610	21.369	ng/ul 98
21) Isophorone	9.12	82	947078	21.729	ng/ul 99
23) 2-Nitrophenol	9.29	139	284430	22.093	ng/ul 97
24) 2,4-Dimethylphenol	9.37	107	516731	21.484	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.60	93	601631	22.006	ng/ul 99
27) 2,4-Dichlorophenol	9.82	162	505918	21.230	ng/ul 98
28) Naphthalene	10.21	128	1526951	21.348	ng/ul 100
30) 4-Chloroaniline	10.33	127	496780	22.051	ng/ul 99
31) Hexachlorobutadiene	10.51	225	403183	20.368	ng/ul 98
32) Caprolactam	11.09	113	138645m	22.195	ng/ul
33) 4-Chloro-3-methylphenol	11.47	107	480172	21.716	ng/ul 98
34) 2-Methylnaphthalene	11.83	142	1122741	21.309	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	1111003	21.143	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	718222	21.489	ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	425045	18.034	ng/ul	99
39) 2,4,6-Trichlorophenol	12.47	196	455681	22.150	ng/ul	97
40) 2,4,5-Trichlorophenol	12.54	196	479459	22.298	ng/ul	100
41) 1,1'-Biphenyl	12.88	154	1508249	21.617	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	1232352	21.632	ng/ul	99
43) 2-Nitroaniline	13.12	65	273534	22.771	ng/ul	97
45) Dimethylphthalate	13.53	163	1553679	20.876	ng/ul	100
46) 2,6-Dinitrotoluene	13.64	165	336074	22.331	ng/ul	100
48) Acenaphthylene	13.77	152	1863546	21.593	ng/ul	98
49) 3-Nitroaniline	13.96	138	259825	22.920	ng/ul	93
50) Acenaphthene	14.12	153	1258719	21.597	ng/ul	98
51) 2,4-Dinitrophenol	14.18	184	175741	19.168	ng/ul	94
53) 4-Nitrophenol	14.30	109	188325	19.891	ng/ul	93
54) Dibenzofuran	14.46	168	1814075	20.880	ng/ul	98
55) 2,4-Dinitrotoluene	14.44	165	469767	21.871	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.70	232	450029	21.419	ng/ul	99
57) Diethylphthalate	14.92	149	1540630	20.921	ng/ul	100
59) Fluorene	15.12	166	1504489	21.012	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	849027	20.594	ng/ul	98
61) 4-Nitroaniline	15.14	138	305569	21.766	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.21	198	292592	20.124	ng/ul#	96
65) N-Nitrosodiphenylamine	15.34	169	1284302	22.063	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	564720	21.627	ng/ul	99
67) Hexachlorobenzene	16.13	284	658257	21.330	ng/ul	99
68) Atrazine	16.30	200	527883	21.106	ng/ul	99
69) Pentachlorophenol	16.47	266	394382	21.357	ng/ul	100
70) Phenanthrene	16.86	178	2403940	21.157	ng/ul	100
72) Anthracene	16.94	178	2463477	21.378	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	759438	22.194	ng/uL	99
74) Pentachlorobenzene	14.39	250	790171	21.759	ng/uL	99
75) Carbazole	17.22	167	2043194	21.283	ng/ul	100
76) Di-n-butylphthalate	17.82	149	2717483	22.248	ng/ul	100
77) Fluoranthene	18.88	202	2922014	20.948	ng/ul	98
80) Pvrene	19.24	202	2968578	23.053	ng/ul	98
81) Butylbenzylphthalate	20.19	149	1189931	24.704	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.95	252	1032216	22.699	ng/ul	99
83) Benzo(a)anthracene	21.01	228	2829968	21.596	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.98	149	1816949	23.831	ng/ul	100
85) Chrysene	21.06	228	2758172	21.379	ng/ul	100
87) Di-n-octyl phthalate	21.83	149	2994570	23.801	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	2925207	21.849	ng/ul	99
89) Benzo(k)fluoranthene	22.55	252	2746346	21.312	ng/ul	99
91) Benzo(a)pyrene	23.04	252	2591127	21.588	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	3240889	21.689	ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	2725040	21.403	ng/ul	99
94) Benzo(a,h,i)perylene	25.80	276	2696952	21.701	ng/ul	99

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

