

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
 Data File : BM023631.D
 Acq On : 11 Nov 2019 10:20
 Operator : JU
 Sample : SSTD02003
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02003

Manual Integrations
 APPROVED

mohammad
 11/12/2019 10:43:50 AM

Quant Time: Nov 11 11:12:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 11 11:02:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	387481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1743614	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1256816	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2914922	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	3014238	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	3159695	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	83614	22.73	ng/uL	0.00
5) Phenol-d5	6.73	99	753918	22.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	448948	23.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	560123	23.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	616731	23.84	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	270161	25.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	278471	25.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	659395	23.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	702142	21.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2124373	24.39	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2456854	24.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	354638	22.51	ng/ul	0.00
58) Fluorene-d10	15.20	176	1877113	23.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	327891	20.98	ng/ul	0.00
71) Anthracene-d10	17.05	188	3005876	22.77	ng/ul	0.00
79) Pyrene-d10	19.36	212	3427741	24.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	3631775	23.99	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	92953	24.606	ng/uL 100
4) Benzaldehyde	6.70	77	494368	27.975	ng/ul 100
6) Phenol	6.76	94	768772	21.957	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.99	93	611729	22.834	ng/ul 100
10) 2-Chlorophenol	7.12	128	572797	22.599	ng/ul 100
11) 2-Methylphenol	8.00	108	577719	22.583	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	601689	24.345	ng/ul 100
14) Acetophenone	8.37	105	967214	23.017	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.36	70	523816	25.034	ng/ul 100
16) 4-Methylphenol	8.32	108	652477	22.919	ng/ul 100
17) Hexachloroethane	8.62	117	227367	21.882	ng/ul 100
20) Nitrobenzene	8.74	77	726924	23.281	ng/ul 100
21) Isophorone	9.27	82	1431207	24.754	ng/ul 100
23) 2-Nitrophenol	9.45	139	320859	25.335	ng/ul 100
24) 2,4-Dimethylphenol	9.52	107	735363	23.198	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.75	93	893361	23.705	ng/ul 100
27) 2,4-Dichlorophenol	9.98	162	629883	22.628	ng/ul 100
28) Naphthalene	10.37	128	1977350	21.906	ng/ul 100
30) 4-Chloroaniline	10.49	127	715738	20.484	ng/ul 100
31) Hexachlorobutadiene	10.67	225	420189	20.695	ng/ul 100
32) Caprolactam	11.27	113	202851m	23.783	ng/ul
33) 4-Chloro-3-methylphenol	11.63	107	711453	24.035	ng/ul 100
34) 2-Methylnaphthalene	12.00	142	1534004	23.198	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	1496711	23.448	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	880324	21.115	ng/ul	100
38) Hexachlorocyclopentadiene	12.36	237	400617	19.915	ng/ul	100
39) 2,4,6-Trichlorophenol	12.62	196	554307	23.187	ng/ul	100
40) 2,4,5-Trichlorophenol	12.70	196	610816	23.125	ng/ul	100
41) 1,1'-Biphenyl	13.03	154	2083967	22.213	ng/ul	100
42) 2-Chloronaphthalene	13.07	162	1606853	22.051	ng/ul	100
43) 2-Nitroaniline	13.27	65	392402	25.995	ng/ul	100
45) Dimethylphthalate	13.67	163	2071410	23.033	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	387536	25.154	ng/ul	100
48) Acenaphthylene	13.92	152	2443827	22.670	ng/ul	100
49) 3-Nitroaniline	14.11	138	344001	21.241	ng/ul	100
50) Acenaphthene	14.27	153	1725104	22.156	ng/ul	100
51) 2,4-Dinitrophenol	14.33	184	195955	19.911	ng/ul	100
53) 4-Nitrophenol	14.43	109	290293	22.559	ng/ul	100
54) Dibenzofuran	14.60	168	2545193	21.682	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	597092	24.801	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.84	232	568097	23.199	ng/ul	100
57) Diethylphthalate	15.05	149	2051900	24.304	ng/ul	100
59) Fluorene	15.26	166	2076885	22.002	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	1120235	21.712	ng/ul	100
61) 4-Nitroaniline	15.28	138	436755	22.657	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.35	198	356785	20.714	ng/ul	100
65) N-Nitrosodiphenylamine	15.47	169	1857207	22.120	ng/ul	100
66) 4-Bromophenyl-phenylether	16.15	248	764167	22.224	ng/ul	100
67) Hexachlorobenzene	16.26	284	899136	21.173	ng/ul	100
68) Atrazine	16.43	200	688232	22.387	ng/ul	100
69) Pentachlorophenol	16.61	266	496860	20.201	ng/ul	100
70) Phenanthrene	16.99	178	3484363	21.508	ng/ul	100
72) Anthracene	17.09	178	3551043	21.956	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	883802	21.089	ng/uL	100
74) Pentachlorobenzene	14.53	250	971592	20.901	ng/uL	100
75) Carbazole	17.36	167	3093955	22.580	ng/ul	100
76) Di-n-butylphthalate	17.94	149	3382542	26.771	ng/ul	100
77) Fluoranthene	19.02	202	4203619	24.024	ng/ul	100
80) Pvrene	19.38	202	4351442	23.893	ng/ul	100
81) Butylbenzylphthalate	20.31	149	1345191	29.274	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.08	252	1357873	22.713	ng/ul	100
83) Benzo(a)anthracene	21.14	228	4413670	23.054	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2094038	29.043	ng/ul	100
85) Chrysene	21.19	228	4115859	22.703	ng/ul	100
87) Di-n-octyl phthalate	21.96	149	3306697	26.104	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	4415107	23.087	ng/ul	100
89) Benzo(k)fluoranthene	22.72	252	4263032	22.255	ng/ul	100
91) Benzo(a)pyrene	23.23	252	4018976	22.335	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.47	276	4213949	20.778	ng/ul	100
93) Dibenzo(a,h)anthracene	25.48	278	3556572	20.857	ng/ul	100
94) Benzo(a,h,i)perylene	26.13	276	3412155	20.976	ng/ul	100

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

