

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
 Data File : BM028101.D
 Acq On : 10 Dec 2020 15:05
 Operator : JU/CG
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020006

Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:38:12 PM

Quant Time: Dec 10 16:26:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 10:24:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	190094	20.00	ng/ul	0.00
20) Naphthalene-d8	11.11	136	807065	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	479556	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	982115	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	938736	20.00	ng/ul	0.00
88) Perylene-d12	24.13	264	939266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	41983	8.44	ng/uL	0.00
4) Pyridine-d5	3.92	84	300689	22.12	ng/ul	0.00
7) Phenol-d5	7.41	99	356056	21.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	225875	21.91	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	304390	22.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	293101	22.13	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	143050	21.97	ng/ul	0.00
24) 2-Nitrophenol-d4	10.18	143	152888	22.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	292273	22.18	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	421978	22.95	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	834086	21.88	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1034457	22.33	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	158117	22.01	ng/ul	0.00
60) Fluorene-d10	15.88	176	719791	21.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	126598	21.10	ng/ul	0.00
73) Anthracene-d10	17.72	188	1079047	22.07	ng/ul	0.00
81) Pyrene-d10	19.97	212	1142654	22.42	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	1148717	22.34	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.50	88	44501	8.544	ng/uL 97
5) Pyridine	3.94	79	297622	21.829	ng/ul 99
6) Benzaldehyde	7.39	77	116323	18.360	ng/ul 98
8) Phenol	7.43	94	361620	22.108	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.68	93	305756	21.927	ng/ul 99
12) 2-Chlorophenol	7.83	128	311377	22.257	ng/ul 99
13) 2-Methylphenol	8.72	108	279146	22.174	ng/ul 97
14) 2,2'-oxybis(1-Chloropropan	8.80	45	506592m	21.933	ng/ul
16) Acetophenone	9.11	105	449665	22.368	ng/ul 98
17) N-Nitroso-di-n-propylamine	9.09	70	227364	23.167	ng/ul 99
18) 4-Methylphenol	9.05	108	302244	22.199	ng/ul 99
19) Hexachloroethane	9.38	117	133009	22.172	ng/ul 97
22) Nitrobenzene	9.50	77	347259	21.967	ng/ul 100
23) Isophorone	10.03	82	625952	22.356	ng/ul 96
25) 2-Nitrophenol	10.22	139	169370	22.790	ng/ul 98
26) 2,4-Dimethylphenol	10.26	107	331636	22.094	ng/ul 100
27) Bis(2-Chloroethoxy)methane	10.50	93	414956	21.893	ng/ul 99
29) 2,4-Dichlorophenol	10.75	162	287405	22.153	ng/ul 98
30) Naphthalene	11.16	128	1013705	21.742	ng/ul 99
32) 4-Chloroaniline	11.26	127	413313	23.107	ng/ul 99
33) Hexachlorobutadiene	11.44	225	181304	21.444	ng/ul 99
34) Caprolactam	12.03	113	91298	22.424	ng/ul 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.36	107	304196	22.806	ng/ul	98
36) 2-Methylnaphthalene	12.75	142	699139	22.062	ng/ul	98
37) 1-Methylnaphthalene	12.97	142	669634	21.971	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	345974	21.385	ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	196960	20.766	ng/ul	98
41) 2,4,6-Trichlorophenol	13.34	196	223705	22.518	ng/ul	98
42) 2,4,5-Trichlorophenol	13.41	196	239580	22.321	ng/ul	99
43) 1,1'-Biphenyl	13.74	154	895963	21.562	ng/ul	100
44) 2-Chloronaphthalene	13.79	162	697871	21.452	ng/ul	99
45) 2-Nitroaniline	13.98	65	195411	22.904	ng/ul	98
47) Dimethylphthalate	14.35	163	856041	21.790	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	176010	23.365	ng/ul	92
50) Acenaphthylene	14.63	152	1053368	21.977	ng/ul	100
51) 3-Nitroaniline	14.79	138	146260	20.739	ng/ul	100
52) Acenaphthene	14.96	153	751047	21.729	ng/ul	98
53) 2,4-Dinitrophenol	15.00	184	87001	20.081	ng/ul	93
55) 4-Nitrophenol	15.08	109	117228	22.075	ng/ul	97
56) Dibenzofuran	15.29	168	1023291	21.733	ng/ul	96
57) 2,4-Dinitrotoluene	15.25	165	249610	23.588	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.51	232	203190	22.385	ng/ul	97
59) Diethylphthalate	15.69	149	880045	21.973	ng/ul	99
61) Fluorene	15.94	166	860569	21.958	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.92	204	417498	21.615	ng/ul	99
63) 4-Nitroaniline	15.94	138	74004	12.705	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	142250	21.816	ng/ul	97
67) N-Nitrosodiphenylamine	16.13	169	716904	22.183	ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	256231	22.181	ng/ul	96
69) Hexachlorobenzene	16.93	284	288739	21.920	ng/ul	96
70) Atrazine	17.06	200	254583	21.959	ng/ul	99
71) Pentachlorophenol	17.26	266	163408	21.484	ng/ul	97
72) Phenanthrene	17.66	178	1321205	21.806	ng/ul	99
74) Anthracene	17.75	178	1367436	22.143	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.71	216	339270	21.506	ng/uL	99
76) Pentachlorobenzene	15.22	250	338455	21.591	ng/uL	98
77) Carbazole	18.01	167	1165024	22.217	ng/ul	99
78) Di-n-butylphthalate	18.54	149	1522830	22.308	ng/ul	99
80) Fluoranthene	19.64	202	1498522	22.586	ng/ul	99
82) Pyrene	20.00	202	1535289	22.339	ng/ul	98
83) Butylbenzylphthalate	20.86	149	658894	22.818	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.64	252	453911	21.417	ng/ul	99
85) Benzo(a)anthracene	21.72	228	1407579	22.017	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	1004426	22.716	ng/ul	98
87) Chrysene	21.77	228	1393570	22.232	ng/ul	100
89) Di-n-octyl phthalate	22.54	149	1670052	22.201	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	1385302	21.442	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	1403514	22.477	ng/ul	99
93) Benzo(a)pyrene	24.03	252	1278501	22.117	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	1522823	22.111	ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	1300569	22.207	ng/ul	99
96) Benzo(g,h,i)perylene	27.37	276	1277020	22.109	ng/ul	99

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

