

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
 Data File : BM027362.D
 Acq On : 08 Sep 2020 17:24
 Operator : JU/CG
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:44:55 PM

Quant Time: Sep 08 17:55:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 08 10:18:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	98985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	419263	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	344375	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	894980	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1077357	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1067584	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	23019	10.35	ng/uL	0.00
5) Phenol-d5	6.75	99	164068	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	112500	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	129409	21.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	137742	20.70	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	65686	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	73822	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	160794	21.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	185241	21.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	563382	20.56	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	656745	21.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	93387	19.35	ng/ul	0.00
58) Fluorene-d10	15.21	176	524697	21.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	101084	17.65	ng/ul	0.00
71) Anthracene-d10	17.06	188	878704	20.76	ng/ul	0.00
79) Pyrene-d10	19.36	212	1060127	22.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1160866	20.27	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	24889	9.348	ng/uL 93
4) Benzaldehyde	6.72	77	123549	21.007	ng/ul 99
6) Phenol	6.78	94	180629	20.831	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.00	93	144602	20.763	ng/ul 98
10) 2-Chlorophenol	7.14	128	137045	21.993	ng/ul 97
11) 2-Methylphenol	8.02	108	131298	20.515	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	110118	20.968	ng/ul 97
14) Acetophenone	8.38	105	244912	21.929	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.37	70	145701	22.800	ng/ul 97
16) 4-Methylphenol	8.34	108	148751	21.293	ng/ul 99
17) Hexachloroethane	8.64	117	67919	21.908	ng/ul 99
20) Nitrobenzene	8.75	77	217576	21.108	ng/ul 99
21) Isophorone	9.29	82	375383	21.457	ng/ul 99
23) 2-Nitrophenol	9.46	139	83762	22.290	ng/ul 94
24) 2,4-Dimethylphenol	9.53	107	192269	22.344	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.76	93	208466	20.975	ng/ul 99
27) 2,4-Dichlorophenol	9.99	162	165112	22.261	ng/ul 99
28) Naphthalene	10.39	128	466785	20.953	ng/ul 99
30) 4-Chloroaniline	10.50	127	196617	22.155	ng/ul 98
31) Hexachlorobutadiene	10.69	225	126841	21.683	ng/ul 99
32) Caprolactam	11.27	113	45905m	19.520	ng/ul
33) 4-Chloro-3-methylphenol	11.63	107	179331	22.701	ng/ul 99
34) 2-Methylnaphthalene	12.01	142	374623	22.243	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	355571	21.215	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	247131	21.348	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	149201	19.698	ng/ul	97
39) 2,4,6-Trichlorophenol	12.63	196	153650	21.826	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	170326	22.401	ng/ul	99
41) 1,1'-Biphenyl	13.04	154	534184	20.624	ng/ul	98
42) 2-Chloronaphthalene	13.07	162	430573	20.428	ng/ul	99
43) 2-Nitroaniline	13.28	65	138678	22.407	ng/ul	97
45) Dimethylphthalate	13.67	163	593835	20.564	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	117039	21.255	ng/ul	98
48) Acenaphthylene	13.93	152	655867	20.988	ng/ul	97
49) 3-Nitroaniline	14.12	138	102941	20.988	ng/ul	97
50) Acenaphthene	14.27	153	469546	20.923	ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	63450	18.423	ng/ul	95
53) 4-Nitrophenol	14.43	109	108079	21.490	ng/ul	97
54) Dibenzofuran	14.61	168	729430	21.736	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	186453	21.967	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.84	232	168926	22.418	ng/ul	97
57) Diethylphthalate	15.05	149	650400	21.599	ng/ul	98
59) Fluorene	15.26	166	615994	21.358	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	334620	21.199	ng/ul	97
61) 4-Nitroaniline	15.28	138	117202	20.587	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.35	198	110428	17.808	ng/ul	96
65) N-Nitrosodiphenylamine	15.48	169	539246	21.367	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	220714	21.304	ng/ul	98
67) Hexachlorobenzene	16.27	284	258485	20.609	ng/ul	98
68) Atrazine	16.44	200	217284	19.873	ng/ul	98
69) Pentachlorophenol	16.62	266	152227	19.777	ng/ul	96
70) Phenanthrene	17.00	178	1055294	20.589	ng/ul	100
72) Anthracene	17.09	178	1080126	20.686	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	245429	20.833	ng/uL	99
74) Pentachlorobenzene	14.54	250	269552	20.748	ng/uL	97
75) Carbazole	17.36	167	944581	21.372	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1197976	21.825	ng/ul	100
77) Fluoranthene	19.02	202	1339178	21.205	ng/ul	99
80) Pvrene	19.39	202	1412485	21.672	ng/ul	98
81) Butylbenzylphthalate	20.31	149	567415	22.746	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.08	252	489917	20.706	ng/ul	98
83) Benzo(a)anthracene	21.14	228	1467210	21.018	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	878884	22.614	ng/ul	98
85) Chrysene	21.19	228	1420267	20.592	ng/ul	100
87) Di-n-octyl phthalate	21.96	149	1493220	22.524	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	1486931	21.096	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	1475759	20.884	ng/ul	100
91) Benzo(a)pyrene	23.23	252	1266179	19.254	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	1360836	15.763	ng/ul	99
93) Dibenzo(a,h)anthracene	25.50	278	1172759	16.061	ng/ul	99
94) Benzo(a,h,i)perylene	26.14	276	1075824	14.910	ng/ul	99

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

