

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012020\
 Data File : BM024555.D
 Acq On : 20 Jan 2020 21:07
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02005

Manual Integrations
 APPROVED

mohammad
 1/21/2020 2:54:11 PM

Quant Time: Jan 21 01:29:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 20 15:42:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	173755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	757343	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	555357	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1349293	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1461560	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1480638	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	28735	8.08	ng/uL	0.00
5) Phenol-d5	6.65	99	251466	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	134874	18.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	225317	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	221480	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	115463	21.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	133818	23.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	273253	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	315614	21.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	891309	20.48	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1003256	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	154364	21.26	ng/ul	0.00
58) Fluorene-d10	15.10	176	768158	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	156019	20.26	ng/ul	0.00
71) Anthracene-d10	16.95	188	1273872	20.30	ng/ul	0.00
79) Pyrene-d10	19.26	212	1558559	19.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1552483	20.22	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	28476	7.712	ng/uL 96
4) Benzaldehyde	6.60	77	100465	14.708	ng/ul 98
6) Phenol	6.67	94	264979	20.247	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.89	93	199588	19.471	ng/ul 99
10) 2-Chlorophenol	7.03	128	237393	21.565	ng/ul 99
11) 2-Methylphenol	7.90	108	214588	20.005	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	7.99	45	232216	19.169	ng/ul 100
14) Acetophenone	8.26	105	372565	19.987	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.26	70	176451	20.022	ng/ul 99
16) 4-Methylphenol	8.23	108	236457	19.796	ng/ul 98
17) Hexachloroethane	8.52	117	101844	20.731	ng/ul 96
20) Nitrobenzene	8.63	77	264428	20.533	ng/ul 95
21) Isophorone	9.16	82	502031	19.800	ng/ul 98
23) 2-Nitrophenol	9.34	139	147083	23.341	ng/ul 94
24) 2,4-Dimethylphenol	9.42	107	284513	20.803	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.65	93	290985	19.946	ng/ul 100
27) 2,4-Dichlorophenol	9.87	162	274069	21.778	ng/ul 99
28) Naphthalene	10.26	128	798748	20.587	ng/ul 100
30) 4-Chloroaniline	10.37	127	329141	23.220	ng/ul 99
31) Hexachlorobutadiene	10.57	225	202300	20.196	ng/ul 98
32) Caprolactam	11.13	113	80201m	21.156	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	277199	21.192	ng/ul 95
34) 2-Methylnaphthalene	11.89	142	634915	21.089	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	609782	19.979	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	403246	22.070	ng/ul	99
38) Hexachlorocyclopentadiene	12.26	237	195086	14.763	ng/ul	98
39) 2,4,6-Trichlorophenol	12.52	196	255188	22.828	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	275286	23.001	ng/ul	97
41) 1,1'-Biphenyl	12.93	154	862471	21.391	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	687360	21.192	ng/ul	98
43) 2-Nitroaniline	13.17	65	180647	24.309	ng/ul	96
45) Dimethylphthalate	13.57	163	915345	20.693	ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	189487	22.764	ng/ul	98
48) Acenaphthylene	13.82	152	1043156	20.391	ng/ul	99
49) 3-Nitroaniline	14.00	138	164736	24.005	ng/ul	99
50) Acenaphthene	14.17	153	725534	20.954	ng/ul	99
51) 2,4-Dinitrophenol	14.22	184	97195	21.371	ng/ul	99
53) 4-Nitrophenol	14.33	109	151177	22.386	ng/ul	94
54) Dibenzofuran	14.50	168	1087569	21.441	ng/ul	100
55) 2,4-Dinitrotoluene	14.47	165	277456	22.294	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.74	232	272868	23.491	ng/ul	96
57) Diethylphthalate	14.96	149	939169	20.678	ng/ul	99
59) Fluorene	15.16	166	896403	20.902	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.16	204	506418	20.701	ng/ul	97
61) 4-Nitroaniline	15.17	138	198307	24.226	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.24	198	171726	21.081	ng/ul	97
65) N-Nitrosodiphenylamine	15.38	169	803791	21.448	ng/ul	98
66) 4-Bromophenyl-phenylether	16.06	248	332315	20.775	ng/ul	98
67) Hexachlorobenzene	16.17	284	373117	20.311	ng/ul	98
68) Atrazine	16.34	200	327410	20.760	ng/ul	98
69) Pentachlorophenol	16.51	266	236788	21.651	ng/ul	96
70) Phenanthrene	16.89	178	1493106	20.519	ng/ul	100
72) Anthracene	16.99	178	1539143	20.742	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	404074	21.060	ng/ul	98
74) Pentachlorobenzene	14.43	250	421785	20.766	ng/ul	98
75) Carbazole	17.26	167	1373989	22.006	ng/ul	99
76) Di-n-butylphthalate	17.85	149	1645833	20.968	ng/ul	100
77) Fluoranthene	18.92	202	1937365	21.784	ng/ul	99
80) Pvrene	19.29	202	1993002	19.919	ng/ul	99
81) Butylbenzylphthalate	20.22	149	790749	22.503	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	671877	21.361	ng/ul	97
83) Benzo(a)anthracene	21.04	228	2170116	21.796	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1161686	20.884	ng/ul	99
85) Chrysene	21.10	228	1981118	20.650	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	1985727	19.593	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	2112346	21.585	ng/ul	100
89) Benzo(k)fluoranthene	22.60	252	1887624	19.626	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1858781	21.856	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	1874852	21.069	ng/ul	97
93) Dibenzo(a,h)anthracene	25.27	278	1616644	21.406	ng/ul	100
94) Benzo(a,h,i)perylene	25.89	276	1318378	18.642	ng/ul	98

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

