

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024729.D
 Acq On : 06 Feb 2020 14:48
 Operator : CG/JU
 Sample : SSTD04003
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04003

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:21:28 AM

Quant Time: Feb 06 15:22:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	224160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	872778	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	607059	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1370374	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1385425	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1538935	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	73980	16.13	ng/uL	0.00
5) Phenol-d5	6.61	99	612261	36.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	350027	37.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	569832	40.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	525749	34.32	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	270851	44.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	330465	49.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	641680	42.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	630774	37.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1888869	39.71	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	2245068	41.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	314543	39.62	ng/ul	0.00
58) Fluorene-d10	15.07	176	1658758	39.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	373464	47.74	ng/ul	0.00
71) Anthracene-d10	16.92	188	2598533	40.78	ng/ul	0.00
79) Pyrene-d10	19.22	212	2992773	40.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	3266970	40.93	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.05	88	80910	16.986	ng/uL 95
4) Benzaldehyde	6.56	77	421983	47.887	ng/ul 94
6) Phenol	6.63	94	641170	37.975	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.85	93	524457	39.659	ng/ul 97
10) 2-Chlorophenol	6.99	128	570520	40.173	ng/ul 98
11) 2-Methylphenol	7.86	108	509065	36.787	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	410811	26.287	ng/ul 98
14) Acetophenone	8.23	105	824773	34.298	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.23	70	398364	35.038	ng/ul 99
16) 4-Methylphenol	8.19	108	546518	35.466	ng/ul 99
17) Hexachloroethane	8.47	117	257433	40.619	ng/ul 98
20) Nitrobenzene	8.59	77	617918	41.636	ng/ul 99
21) Isophorone	9.12	82	1147930	39.286	ng/ul 98
23) 2-Nitrophenol	9.30	139	348261	47.958	ng/ul 96
24) 2,4-Dimethylphenol	9.38	107	631989	40.098	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.61	93	721752	42.930	ng/ul 99
27) 2,4-Dichlorophenol	9.83	162	632880	43.638	ng/ul 98
28) Naphthalene	10.22	128	1836753	41.079	ng/ul 99
30) 4-Chloroaniline	10.33	127	627133	38.392	ng/ul 99
31) Hexachlorobutadiene	10.52	225	508535	44.053	ng/ul 96
32) Caprolactam	11.11	113	160996m	36.852	ng/ul
33) 4-Chloro-3-methylphenol	11.48	107	588422	39.036	ng/ul 99
34) 2-Methylnaphthalene	11.85	142	1362375	39.267	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	1349262	38.361	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	879319	44.027	ng/ul	97
38) Hexachlorocyclopentadiene	12.22	237	624460	43.230	ng/ul	97
39) 2,4,6-Trichlorophenol	12.48	196	567132	46.413	ng/ul	96
40) 2,4,5-Trichlorophenol	12.55	196	596017	45.557	ng/ul	99
41) 1,1'-Biphenyl	12.89	154	1866876	42.359	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	1515508	42.744	ng/ul	99
43) 2-Nitroaniline	13.13	65	339111	41.747	ng/ul	98
45) Dimethylphthalate	13.54	163	1944455	40.215	ng/ul	100
46) 2,6-Dinitrotoluene	13.65	165	422852	46.473	ng/ul	98
48) Acenaphthylene	13.78	152	2299650	41.124	ng/ul	98
49) 3-Nitroaniline	13.97	138	315928	42.115	ng/ul	94
50) Acenaphthene	14.13	153	1544568	40.810	ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	247419	49.768	ng/ul	97
53) 4-Nitrophenol	14.31	109	254201	34.435	ng/ul	99
54) Dibenzofuran	14.47	168	2266259	40.874	ng/ul	99
55) 2,4-Dinitrotoluene	14.44	165	591241	43.461	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.70	232	575712	45.342	ng/ul	99
57) Diethylphthalate	14.93	149	1940620	39.088	ng/ul	99
59) Fluorene	15.12	166	1887107	40.255	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	1075882	40.234	ng/ul	99
61) 4-Nitroaniline	15.15	138	387499	43.307	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.22	198	398294	48.142	ng/ul	95
65) N-Nitrosodiphenylamine	15.34	169	1606295	42.203	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	722293	44.460	ng/ul	99
67) Hexachlorobenzene	16.13	284	843561	45.215	ng/ul	99
68) Atrazine	16.32	200	682123	42.587	ng/ul	100
69) Pentachlorophenol	16.48	266	502410	45.231	ng/ul	98
70) Phenanthrene	16.86	178	3075896	41.620	ng/ul	99
72) Anthracene	16.95	178	3145562	41.739	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	947118	48.604	ng/ul	99
74) Pentachlorobenzene	14.39	250	1007513	48.840	ng/ul	99
75) Carbazole	17.23	167	2600113	41.004	ng/ul	99
76) Di-n-butylphthalate	17.82	149	3416655	42.859	ng/ul	100
77) Fluoranthene	18.89	202	3809107	42.171	ng/ul	100
80) Pvrene	19.25	202	3885638	40.969	ng/ul	98
81) Butylbenzylphthalate	20.19	149	1532121	45.998	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.96	252	1412161	47.365	ng/ul	98
83) Benzo(a)anthracene	21.02	228	3898297	41.306	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	2367469	44.899	ng/ul	99
85) Chrysene	21.07	228	3796095	41.742	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	3996512	37.940	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	4243514	41.719	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	3866210	38.676	ng/ul	99
91) Benzo(a)pyrene	23.05	252	3669573	41.514	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.20	276	4503604	48.693	ng/ul	98
93) Dibenzo(a,h)anthracene	25.21	278	3834738	48.853	ng/ul	99
94) Benzo(a,h,i)perylene	25.82	276	3709572	50.466	ng/ul	100

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

