

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
 Data File : BM026320.D
 Acq On : 10 Jun 2020 09:07
 Operator : JU/CG
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02097

Manual Integrations
 APPROVED

mohammad
 6/11/2020 1:54:40 PM

Quant Time: Jun 10 10:35:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 10 10:30:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	131414	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	506681	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	286447	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	577024	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	578766	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	606386	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	30085	6.91	ng/uL	0.00
5) Phenol-d5	6.63	99	230167	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	152216	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	179964	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	173246	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	85030	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	92291	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	167116	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	214355	25.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	442122	19.25	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	540830	19.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	72175	17.74	ng/ul	0.00
58) Fluorene-d10	15.08	176	377789	18.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	68722	20.43	ng/ul	0.00
71) Anthracene-d10	16.93	188	559441	19.67	ng/ul	0.00
79) Pyrene-d10	19.23	212	602220	20.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	640946	19.86	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.04	88	30760	6.795	ng/uL# 79
4) Benzaldehyde	6.58	77	151897	19.580	ng/ul 92
6) Phenol	6.65	94	250662	18.757	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.87	93	194389	18.905	ng/ul 90
10) 2-Chlorophenol	7.00	128	195473	19.219	ng/ul# 88
11) 2-Methylphenol	7.88	108	181268	19.687	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	7.96	45	338647	18.145	ng/ul# 93
14) Acetophenone	8.24	105	290723	19.288	ng/ul# 94
15) N-Nitroso-di-n-propylamine	8.23	70	159878	18.001	ng/ul# 93
16) 4-Methylphenol	8.21	108	192265	19.200	ng/ul 100
17) Hexachloroethane	8.48	117	85026	19.487	ng/ul 96
20) Nitrobenzene	8.61	77	234918	18.517	ng/ul 93
21) Isophorone	9.14	82	406107	19.246	ng/ul 94
23) 2-Nitrophenol	9.32	139	104113	21.921	ng/ul 93
24) 2,4-Dimethylphenol	9.39	107	215814	19.020	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.62	93	242687	18.235	ng/ul 99
27) 2,4-Dichlorophenol	9.85	162	170024	19.982	ng/ul 96
28) Naphthalene	10.23	128	586028	18.917	ng/ul 99
30) 4-Chloroaniline	10.35	127	221337	25.464	ng/ul 98
31) Hexachlorobutadiene	10.53	225	119609	20.950	ng/ul 99
32) Caprolactam	11.13	113	47880m	20.233	ng/ul
33) 4-Chloro-3-methylphenol	11.50	107	185622	18.836	ng/ul 92
34) 2-Methylnaphthalene	11.86	142	393357	18.878	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.08	142	364651	18.863	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	211743	20.624	ng/ul	100
38) Hexachlorocyclopentadiene	12.22	237	113678	19.207	ng/ul	98
39) 2,4,6-Trichlorophenol	12.49	196	126348	21.153	ng/ul	97
40) 2,4,5-Trichlorophenol	12.57	196	136363	20.688	ng/ul	99
41) 1,1'-Biphenyl	12.90	154	489513	19.259	ng/ul#	98
42) 2-Chloronaphthalene	12.93	162	379372	19.342	ng/ul	95
43) 2-Nitroaniline	13.15	65	128404	19.424	ng/ul#	81
45) Dimethylphthalate	13.55	163	455557	18.890	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	92182	20.831	ng/ul	88
48) Acenaphthylene	13.79	152	580393	19.426	ng/ul	100
49) 3-Nitroaniline	13.99	138	90653	23.015	ng/ul#	78
50) Acenaphthene	14.14	153	397792	18.879	ng/ul	99
51) 2,4-Dinitrophenol	14.21	184	41492m	17.057	ng/ul	
53) 4-Nitrophenol	14.33	109	64759	17.890	ng/ul	88
54) Dibenzofuran	14.48	168	555388	18.756	ng/ul	95
55) 2,4-Dinitrotoluene	14.46	165	131681	20.079	ng/ul#	68
56) 2,3,4,6-Tetrachlorophenol	14.72	232	114560	20.667	ng/ul	95
57) Diethylphthalate	14.93	149	458429	19.224	ng/ul	98
59) Fluorene	15.13	166	454449	18.972	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.14	204	232531	19.452	ng/ul	99
61) 4-Nitroaniline	15.16	138	93552	19.013	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.23	198	71963	20.316	ng/ul#	92
65) N-Nitrosodiphenylamine	15.36	169	383992	19.856	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	138882	20.668	ng/ul	96
67) Hexachlorobenzene	16.14	284	155037	20.520	ng/ul#	89
68) Atrazine	16.32	200	134057	21.168	ng/ul	99
69) Pentachlorophenol	16.49	266	74621	17.933	ng/ul	97
70) Phenanthrene	16.87	178	683257	18.798	ng/ul	100
72) Anthracene	16.96	178	707491	19.401	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	204094	21.176	ng/uL	98
74) Pentachlorobenzene	14.40	250	187546	20.511	ng/uL	99
75) Carbazole	17.24	167	610245	20.228	ng/ul	99
76) Di-n-butylphthalate	17.82	149	754030	20.869	ng/ul	99
77) Fluoranthene	18.90	202	780652	20.475	ng/ul	98
80) Pvrene	19.26	202	808952	19.910	ng/ul	96
81) Butylbenzylphthalate	20.20	149	334122	23.232	ng/ul	91
82) 3,3'-Dichlorobenzidine	20.97	252	268362	25.320	ng/ul	99
83) Benzo(a)anthracene	21.02	228	780097	19.555	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	519313	23.294	ng/ul	98
85) Chrysene	21.07	228	759043	19.143	ng/ul	100
87) Di-n-octyl phthalate	21.83	149	876346	22.995	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	797288	19.438	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	764936	18.672	ng/ul	98
91) Benzo(a)pyrene	23.05	252	699622	19.382	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	913443	19.499	ng/ul	96
93) Dibenzo(a,h)anthracene	25.20	278	779397	19.647	ng/ul	97
94) Benzo(a,h,i)perylene	25.81	276	767730	19.634	ng/ul#	96

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

