

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062620\
 Data File : BM026589.D
 Acq On : 26 Jun 2020 15:14
 Operator : JU/CG
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02023

Manual Integrations
 APPROVED

mohammad
 6/29/2020 3:17:35 PM

Quant Time: Jun 26 15:52:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 26 11:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	79334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	374075	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	254564	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	579293	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	691307	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	674549	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	17401	7.69	ng/uL	0.00
5) Phenol-d5	6.57	99	161776	22.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	108635	23.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	120572	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	132289	23.00	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	63073	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	69021	18.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	133103	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	175039	24.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	434498	20.30	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	512897	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	69527	19.59	ng/ul	0.00
58) Fluorene-d10	15.03	176	376745	20.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	72279	19.06	ng/ul	0.00
71) Anthracene-d10	16.88	188	598961	20.31	ng/ul	0.00
79) Pyrene-d10	19.19	212	701305	18.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	763820	20.48	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.99	88	19013	7.581	ng/uL 92
4) Benzaldehyde	6.53	77	105503	25.127	ng/ul 99
6) Phenol	6.60	94	171603	21.441	ng/ul 93
8) Bis(2-Chloroethyl)ether	6.82	93	137284	22.920	ng/ul 96
10) 2-Chlorophenol	6.94	128	131014	20.508	ng/ul 98
11) 2-Methylphenol	7.83	108	129651	22.289	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	7.90	45	268292	26.241	ng/ul 97
14) Acetophenone	8.19	105	226698	24.011	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.18	70	134994	23.929	ng/ul 95
16) 4-Methylphenol	8.16	108	147264	23.376	ng/ul 100
17) Hexachloroethane	8.42	117	55925	20.612	ng/ul 97
20) Nitrobenzene	8.56	77	183782	20.325	ng/ul 96
21) Isophorone	9.08	82	348053	20.805	ng/ul 98
23) 2-Nitrophenol	9.26	139	78206	19.213	ng/ul 89
24) 2,4-Dimethylphenol	9.34	107	175553	20.512	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.57	93	197301	20.349	ng/ul 98
27) 2,4-Dichlorophenol	9.79	162	134288	19.787	ng/ul 97
28) Naphthalene	10.17	128	446463	19.627	ng/ul 99
30) 4-Chloroaniline	10.30	127	184479	25.367	ng/ul 99
31) Hexachlorobutadiene	10.46	225	91469	20.400	ng/ul 99
32) Caprolactam	11.07	113	46246m	21.669	ng/ul
33) 4-Chloro-3-methylphenol	11.45	107	166647	21.119	ng/ul 98
34) 2-Methylnaphthalene	11.80	142	335427	20.981	ng/ul 99

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Quant Time: Jun 26 15:52:42 2020
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	306514	20.624	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	184502	19.836	ng/ul	96
38) Hexachlorocyclopentadiene	12.16	237	85451	18.386	ng/ul	97
39) 2,4,6-Trichlorophenol	12.44	196	118314	19.665	ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	127354	19.617	ng/ul	100
41) 1,1'-Biphenyl	12.84	154	441738	19.554	ng/ul	99
42) 2-Chloronaphthalene	12.88	162	343382	19.754	ng/ul	99
43) 2-Nitroaniline	13.10	65	131198	20.944	ng/ul	96
45) Dimethylphthalate	13.50	163	447972	20.154	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	93408	20.213	ng/ul	94
48) Acenaphthylene	13.74	152	547842	20.030	ng/ul	99
49) 3-Nitroaniline	13.95	138	89507	21.574	ng/ul	96
50) Acenaphthene	14.09	153	375583	19.901	ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	40546	17.174	ng/ul	94
53) 4-Nitrophenol	14.29	109	68449	22.088	ng/ul	96
54) Dibenzofuran	14.43	168	541855	20.337	ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	139070	20.777	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	14.67	232	117067	21.113	ng/ul	95
57) Diethylphthalate	14.89	149	474416	21.107	ng/ul	98
59) Fluorene	15.09	166	454269	20.656	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.09	204	230224	20.699	ng/ul	98
61) 4-Nitroaniline	15.13	138	96535m	20.496	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	75325	19.337	ng/ul	92
65) N-Nitrosodiphenylamine	15.31	169	391856	19.689	ng/ul	100
66) 4-Bromophenyl-phenylether	15.99	248	142558	19.617	ng/ul	98
67) Hexachlorobenzene	16.10	284	161762	19.895	ng/ul	99
68) Atrazine	16.28	200	146533	21.605	ng/ul	96
69) Pentachlorophenol	16.44	266	88140	22.677	ng/ul	96
70) Phenanthrene	16.83	178	739559	20.355	ng/ul	100
72) Anthracene	16.92	178	763568	20.504	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	185714	18.938	ng/uL	99
74) Pentachlorobenzene	14.36	250	185136	19.642	ng/uL	100
75) Carbazole	17.20	167	669779	21.644	ng/ul	100
76) Di-n-butylphthalate	17.78	149	844259	20.845	ng/ul	99
77) Fluoranthene	18.86	202	905675	22.817	ng/ul	99
80) Pvrene	19.22	202	949145	18.675	ng/ul	97
81) Butylbenzylphthalate	20.16	149	402092	18.583	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.93	252	310166	19.421	ng/ul	99
83) Benzo(a)anthracene	20.99	228	985270	20.007	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.95	149	637094	19.491	ng/ul	99
85) Chrysene	21.04	228	961189	20.106	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	1115939	23.046	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	1003804	21.700	ng/ul	100
89) Benzo(k)fluoranthene	22.51	252	958478	21.541	ng/ul	99
91) Benzo(a)pyrene	23.00	252	844747	20.729	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	925880	17.334	ng/ul	99
93) Dibenzo(a,h)anthracene	25.12	278	785415	17.622	ng/ul	99
94) Benzo(a,h,i)perylene	25.72	276	740311	16.591	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

