

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022333.D
 Acq On : 26 Aug 2019 16:31
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02055

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:00:03 AM

Quant Time: Aug 27 11:52:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 26 14:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	124370	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	91511	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	210405	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	203839	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	183938	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	5250	8.52	ng/uL	0.00
5) Phenol-d5	6.75	99	47184	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	27998	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	41655	21.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	42499	20.60	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	20023	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	24553	22.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	49307	22.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	58555	21.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	163743	20.32	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	194271	22.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	15754	13.20	ng/ul	0.00
57) Fluorene-d10	15.20	176	140070	20.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	28599	17.61	ng/ul	0.00
70) Anthracene-d10	17.06	188	235346	21.12	ng/ul	-0.01
78) Pyrene-d10	19.37	212	280614	26.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	201663	19.96	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	5685	8.605	ng/uL 93
4) Benzaldehyde	6.72	77	35991	26.268	ng/ul 96
6) Phenol	6.77	94	49511	19.425	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.00	93	36020	19.411	ng/ul 92
10) 2-Chlorophenol	7.12	128	41630	20.867	ng/ul 97
11) 2-Methylphenol	8.00	108	39465	19.661	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.06	45	48960m	20.246	ng/ul
14) Acetophenone	8.38	105	67959	19.055	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.36	70	34822	19.288	ng/ul 96
16) 4-Methylphenol	8.33	108	42573	19.291	ng/ul 100
17) Hexachloroethane	8.59	117	19991	20.437	ng/ul 96
20) Nitrobenzene	8.76	77	56412	20.657	ng/ul 100
21) Isophorone	9.27	82	98429	19.776	ng/ul 99
23) 2-Nitrophenol	9.46	139	25567	21.567	ng/ul 96
24) 2,4-Dimethylphenol	9.52	107	57167	20.562	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.76	93	54073	20.123	ng/ul 99
27) 2,4-Dichlorophenol	9.98	162	48614	21.838	ng/ul 97
28) Naphthalene	10.37	128	140665	20.495	ng/ul 99
30) 4-Chloroaniline	10.51	127	57185	20.559	ng/ul 96
31) Hexachlorobutadiene	10.62	225	48291	22.617	ng/ul 98
32) Caprolactam	11.33	113	15855m	22.949	ng/ul
33) 4-Chloro-3-methylphenol	11.65	107	51752	21.057	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	109657	20.736	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	81916	21.645	ng/ul	96
37) Hexachlorocyclopentadiene	12.32	237	37315	21.250	ng/ul	94
38) 2,4,6-Trichlorophenol	12.63	196	45947	21.620	ng/ul	98
39) 2,4,5-Trichlorophenol	12.71	196	47860	20.589	ng/ul	99
40) 1,1'-Biphenyl	13.02	154	147652	19.826	ng/ul	98
41) 2-Chloronaphthalene	13.07	162	118831	20.472	ng/ul	98
42) 2-Nitroaniline	13.32	65	37035	20.878	ng/ul	96
44) Dimethylphthalate	13.67	163	160828	19.613	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	31844	20.223	ng/ul	98
47) Acenaphthylene	13.92	152	175838	19.535	ng/ul	100
48) 3-Nitroaniline	14.16	138	28785	21.473	ng/ul	92
49) Acenaphthene	14.27	153	129395	20.248	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	18274	19.407	ng/ul	99
52) 4-Nitrophenol	14.49	109	40534m	20.431	ng/ul	
53) Dibenzofuran	14.61	168	189038	19.861	ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	47766	19.624	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.85	232	48672	20.650	ng/ul	92
56) Diethylphthalate	15.05	149	170133	19.345	ng/ul	99
58) Fluorene	15.26	166	158532	19.775	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	100563	20.489	ng/ul	98
60) 4-Nitroaniline	15.34	138	29309	21.070	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.39	198	27983	16.064	ng/ul	97
64) N-Nitrosodiphenylamine	15.49	169	132894	20.269	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	65107	21.617	ng/ul	92
66) Hexachlorobenzene	16.26	284	71957	21.442	ng/ul	97
67) Atrazine	16.45	200	76679	22.456	ng/ul	96
68) Pentachlorophenol	16.63	266	29966	14.782	ng/ul	95
69) Phenanthrene	17.01	178	251443	19.976	ng/ul	99
71) Anthracene	17.10	178	261983	20.001	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	81060	21.659	ng/uL	97
73) Pentachlorobenzene	14.52	250	89810	22.122	ng/uL	100
74) Carbazole	17.39	167	213280	18.027	ng/ul	98
75) Di-n-butylphthalate	17.94	149	294259	19.470	ng/ul	99
76) Fluoranthene	19.04	202	331648	17.484	ng/ul	98
79) Pvrene	19.40	202	329990	25.011	ng/ul	96
80) Butylbenzylphthalate	20.32	149	131944	23.629	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.11	252	93120	17.561	ng/ul	97
82) Benzo(a)anthracene	21.16	228	313946	20.463	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	188562	22.441	ng/ul	97
84) Chrysene	21.22	228	288533	20.114	ng/ul	99
86) Di-n-octyl phthalate	21.94	149	288259	21.145	ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	256130	20.018	ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	258815	20.858	ng/ul	99
90) Benzo(a)pyrene	23.27	252	239068	19.602	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.56	276	273730	19.328	ng/ul	98
92) Dibenzo(a,h)anthracene	25.56	278	229143	19.058	ng/ul	97
93) Benzo(g,h,i)perylene	26.23	276	218242	20.200	ng/ul	97

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

