

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
 Data File : BM013669.D
 Acq On : 19 Jan 2018 17:50
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02028

Manual Integrations
 APPROVED

Sohil
 1/22/2018 8:29:18 AM

Quant Time: Jan 19 18:23:36 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 13:15:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	561388	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	315472	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	716835	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	742467	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	721150	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	20970	5.83	ng/uL	0.00
5) Phenol-d5	6.79	99	210755	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	122633	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	181442	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	168980	20.16	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	87995	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	94941	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	181454	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	190849	24.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	512713	19.72	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	666638	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	77329	18.30	ng/ul	0.00
57) Fluorene-d10	15.26	176	457711	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	79901	18.52	ng/ul	0.00
70) Anthracene-d10	17.12	188	685981	19.65	ng/ul	0.00
76) Pyrene-d10	19.42	212	753562	21.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	675093	20.37	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.19	88	25174	6.394	ng/uL#	55
4) Benzaldehyde	6.77	77	151195	20.034	ng/ul	86
6) Phenol	6.82	94	219532	20.071	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.05	93	167540	19.575	ng/ul	97
10) 2-Chlorophenol	7.18	128	177202	20.009	ng/ul	94
11) 2-Methylphenol	8.06	108	159250	19.751	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	165194	18.968	ng/ul#	79
14) Acetophenone	8.43	105	273332	19.703	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.42	70	131990	19.502	ng/ul#	69
16) 4-Methylphenol	8.39	108	172374	19.994	ng/ul	98
17) Hexachloroethane	8.67	117	80458	18.664	ng/ul#	75
20) Nitrobenzene	8.81	77	215988	19.194	ng/ul	96
21) Isophorone	9.33	82	347840	19.131	ng/ul	96
23) 2-Nitrophenol	9.52	139	97163	20.255	ng/ul#	77
24) 2,4-Dimethylphenol	9.58	107	204683	20.239	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.82	93	210441	18.986	ng/ul	94
27) 2,4-Dichlorophenol	10.05	162	176438	20.589	ng/ul	93
28) Naphthalene	10.44	128	572828	20.510	ng/ul	97
30) 4-Chloroaniline	10.56	127	188257	24.609	ng/ul	91
31) Hexachlorobutadiene	10.72	225	129332	18.386	ng/ul	96
32) Caprolactam	11.34	113	48732m	20.442	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	173698	19.995	ng/ul	86
34) 2-Methylnaphthalene	12.06	142	411512	19.763	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.43	216	237979	20.359	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	71445	14.722	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.69	196	142441	21.052	ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	152516	21.662	ng/ul	96
40) 1,1'-Biphenyl	13.09	154	529041	20.146	ng/ul	96
41) 2-Chloronaphthalene	13.13	162	423869	20.649	ng/ul	98
42) 2-Nitroaniline	13.35	65	112551	19.877	ng/ul	92
44) Dimethylphthalate	13.73	163	495055	19.365	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	103010	20.793	ng/ul	96
47) Acenaphthylene	13.98	152	627478	20.684	ng/ul	97
48) 3-Nitroaniline	14.19	138	88847	22.804	ng/ul	91
49) Acenaphthene	14.33	153	424682	20.213	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	42153	14.844	ng/ul#	87
52) 4-Nitrophenol	14.50	109	80260	18.698	ng/ul#	81
53) Dibenzofuran	14.67	168	615129	19.462	ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	142072	19.673	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	132014	19.935	ng/ul#	85
56) Diethylphthalate	15.10	149	483710	18.802	ng/ul	97
58) Fluorene	15.32	166	515648	19.916	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	261985	18.726	ng/ul	92
60) 4-Nitroaniline	15.35	138	94518	20.734	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.42	198	82430	18.099	ng/ul	93
64) N-Nitrosodiphenylamine	15.53	169	419841	19.914	ng/ul	97
65) 4-Bromophenyl-phenylether	16.22	248	160646	18.974	ng/ul	98
66) Hexachlorobenzene	16.32	284	176364	19.352	ng/ul#	89
67) Atrazine	16.49	200	159344	18.937	ng/ul	95
68) Pentachlorophenol	16.67	266	87705	18.110	ng/ul	96
69) Phenanthrene	17.06	178	784289	19.683	ng/ul	99
71) Anthracene	17.15	178	808839	19.680	ng/ul	99
72) Carbazole	17.43	167	669275	19.728	ng/ul	99
73) Di-n-butylphthalate	17.99	149	730123	18.299	ng/ul	98
74) Fluoranthene	19.08	202	899878	18.920	ng/ul#	93
77) Pyrene	19.44	202	954203	21.140	ng/ul#	92
78) Butylbenzylphthalate	20.36	149	324266	20.395	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	275681	22.445	ng/ul#	97
80) Benzo(a)anthracene	21.20	228	923106	20.576	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	440835	18.480	ng/ul	99
82) Chrysene	21.25	228	829181	20.147	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	754616	17.363	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	929081	20.978	ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	848279	19.816	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	851126	20.344	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	977954	19.802	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.63	278	839763	20.136	ng/ul#	98
91) Benzo(g,h,i)perylene	26.29	276	815028	20.052	ng/ul#	96

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

