

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM021418\
 Data File : BM014231.D
 Acq On : 14 Feb 2018 11:39
 Operator : SJ/JU
 Sample : SSTD00532
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00532

Manual Integrations
 APPROVED

Sohil
 2/15/2018 11:08:45 AM

Quant Time: Feb 14 13:51:53 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 14 13:24:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	57494	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	263021	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	183129	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	474906	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	524959	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	469398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2813	2.25	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.08	132	17243	5.04	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.70	128	9213	4.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	7401	3.52	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	17157	3.88	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.62	166	74968	4.93	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	87649	4.75	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.20	176	66175	4.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.05	188	108470	4.70	ng/ul	0.00
76) Pyrene-d10	19.36	212	124844	4.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	105401	4.58	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.14	88	3475	2.526	ng/uL#	50
10) 2-Chlorophenol	7.11	128	18807	5.447	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.35	70	17521	5.608	ng/ul#	70
17) Hexachloroethane	8.59	117	10098	5.607	ng/ul#	59
20) Nitrobenzene	8.75	77	27914	5.232	ng/ul#	91
21) Isophorone	9.26	82	47713	5.312	ng/ul#	93
23) 2-Nitrophenol	9.45	139	10078	4.665	ng/ul#	82
24) 2,4-Dimethylphenol	9.52	107	25365	5.207	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.75	93	22421	4.532	ng/ul#	89
27) 2,4-Dichlorophenol	10.00	162	17477m	4.255	ng/ul	
28) Naphthalene	10.36	128	64980	4.907	ng/ul#	95
31) Hexachlorobutadiene	10.63	225	16174	4.367	ng/ul	94
33) 4-Chloro-3-methylphenol	11.64	107	19889	4.622	ng/ul#	81
34) 2-Methylnaphthalene	11.99	142	46435	4.645	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	28574	4.273	ng/ul#	82
38) 2,4,6-Trichlorophenol	12.63	196	17456m	4.488	ng/ul	
39) 2,4,5-Trichlorophenol	12.72	196	14924	3.730	ng/ul	94
40) 1,1'-Biphenyl	13.02	154	62220	4.374	ng/ul#	93
41) 2-Chloronaphthalene	13.06	162	52689	4.585	ng/ul	96
42) 2-Nitroaniline	13.30	65	16310m	4.996	ng/ul	
44) Dimethylphthalate	13.66	163	74212	5.065	ng/ul	96
45) 2,6-Dinitrotoluene	13.80	165	11342	3.986	ng/ul#	61
47) Acenaphthylene	13.92	152	83006	4.849	ng/ul#	95

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49) Acenaphthene	14.26	153	59056	4.920	ng/ul	95
53) Dibenzofuran	14.60	168	90646	4.959	ng/ul	90
54) 2,4-Dinitrotoluene	14.61	165	19462	4.520	ng/ul#	21
55) 2,3,4,6-Tetrachlorophenol	14.84	232	18023	4.469	ng/ul#	79
56) Diethylphthalate	15.04	149	80068	5.210	ng/ul	93
58) Fluorene	15.25	166	78886	5.176	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.25	204	41378	4.741	ng/ul#	75
64) N-Nitrosodiphenylamine	15.47	169	64335	4.695	ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	25498	4.296	ng/ul#	83
66) Hexachlorobenzene	16.26	284	28117	4.452	ng/ul#	75
69) Phenanthrene	16.99	178	135210	5.064	ng/ul	98
71) Anthracene	17.09	178	132266	4.889	ng/ul	96
73) Di-n-butylphthalate	17.93	149	135210	4.885	ng/ul#	95
77) Pyrene	19.39	202	160791	5.133	ng/ul#	97
78) Butylbenzylphthalate	20.30	149	61094	4.947	ng/ul#	88
80) Benzo(a)anthracene	21.14	228	157423	4.814	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.08	149	85162	4.730	ng/ul#	97
82) Chrysene	21.20	228	150507	4.896	ng/ul	99
85) Benzo(b)fluoranthene	22.69	252	137804	4.652	ng/ul#	95
86) Benzo(k)fluoranthene	22.73	252	139127	4.778	ng/ul#	95
88) Benzo(a)pyrene	23.24	252	132010	4.729	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	128375	4.197	ng/ul	95
90) Dibenzo(a,h)anthracene	25.51	278	104560	4.031	ng/ul#	95
91) Benzo(g,h,i)perylene	26.17	276	109368	4.325	ng/ul#	97

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

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