

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012649.D
 Acq On : 01 Nov 2017 22:36
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02080

Manual Integrations
 APPROVED

Sohil
 11/2/2017 5:22:17 PM

Quant Time: Nov 02 02:51:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 01:34:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	165764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	739573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	511495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1311947	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1762351	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2063766	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	26478	8.16	ng/uL	0.00
5) Phenol-d5	7.01	99	279428	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	153891	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	218830	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	245555	20.75	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	113808	24.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	132822	27.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	276538	21.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	321420	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	904387	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1074553	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	156442	23.55	ng/ul	0.00
57) Fluorene-d10	15.47	176	759541	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	161939	25.51	ng/ul	0.00
70) Anthracene-d10	17.32	188	1294212	20.70	ng/ul	0.00
76) Pyrene-d10	19.60	212	1549046	19.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1960323	19.99	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.36	88	28164m	8.127	ng/uL
4) Benzaldehyde	6.99	77	178119	23.655	ng/ul
6) Phenol	7.04	94	287877	19.966	ng/ul#
8) Bis(2-Chloroethyl)ether	7.26	93	210697	19.871	ng/ul
10) 2-Chlorophenol	7.41	128	226130	21.305	ng/ul
11) 2-Methylphenol	8.28	108	221933	20.415	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.37	45	212296	18.223	ng/ul#
14) Acetophenone	8.66	105	375777	20.209	ng/ul#
15) N-Nitroso-di-n-propylamine	8.65	70	194213	19.138	ng/ul#
16) 4-Methylphenol	8.61	108	249580	20.975	ng/ul
17) Hexachloroethane	8.92	117	88771	19.736	ng/ul
20) Nitrobenzene	9.04	77	274832	20.598	ng/ul#
21) Isophorone	9.56	82	540252	19.133	ng/ul#
23) 2-Nitrophenol	9.75	139	142496	26.875	ng/ul#
24) 2,4-Dimethylphenol	9.81	107	297535	19.946	ng/ul#
25) Bis(2-Chloroethoxy)methane	10.04	93	313211	19.738	ng/ul
27) 2,4-Dichlorophenol	10.28	162	265155	21.502	ng/ul
28) Naphthalene	10.68	128	751100	20.482	ng/ul
30) 4-Chloroaniline	10.79	127	315412	23.499	ng/ul
31) Hexachlorobutadiene	10.96	225	184636	19.516	ng/ul
32) Caprolactam	11.56	113	93791	23.484	ng/ul#
33) 4-Chloro-3-methylphenol	11.92	107	288946	20.856	ng/ul
34) 2-Methylnaphthalene	12.29	142	607480	20.399	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	371735	20.523	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	132733	11.347	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	254558	23.469	ng/ul	96
39) 2,4,5-Trichlorophenol	12.98	196	265995	23.136	ng/ul	98
40) 1,1'-Biphenyl	13.30	154	832668	20.405	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	657869	20.551	ng/ul	99
42) 2-Nitroaniline	13.55	65	185538	24.923	ng/ul	86
44) Dimethylphthalate	13.93	163	901574	20.398	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	191014	27.195	ng/ul#	82
47) Acenaphthylene	14.19	152	1039706	20.611	ng/ul	99
48) 3-Nitroaniline	14.38	138	182103	27.669	ng/ul	82
49) Acenaphthene	14.54	153	707867	20.487	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	100499	25.489	ng/ul	88
52) 4-Nitrophenol	14.69	109	137684	20.429	ng/ul	79
53) Dibenzofuran	14.87	168	1050289	20.541	ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	282791	26.881	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.10	232	261479	24.574	ng/ul	98
56) Diethylphthalate	15.29	149	902465	20.028	ng/ul	96
58) Fluorene	15.52	166	887958	20.533	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	474599	20.170	ng/ul	96
60) 4-Nitroaniline	15.54	138	206381	25.014	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.61	198	180544	25.854	ng/ul#	83
64) N-Nitrosodiphenylamine	15.73	169	774024	20.302	ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	327060	20.810	ng/ul	95
66) Hexachlorobenzene	16.53	284	372500	21.427	ng/ul	100
67) Atrazine	16.68	200	336755	20.540	ng/ul	92
68) Pentachlorophenol	16.87	266	219922	23.130	ng/ul	96
69) Phenanthrene	17.26	178	1457422	20.542	ng/ul	100
71) Anthracene	17.35	178	1527968	20.837	ng/ul	100
72) Carbazole	17.62	167	1334514	21.970	ng/ul	99
73) Di-n-butylphthalate	18.18	149	1583079	20.437	ng/ul#	97
74) Fluoranthene	19.27	202	1889529	23.504	ng/ul#	94
77) Pyrene	19.63	202	1984234	19.799	ng/ul#	92
78) Butylbenzylphthalate	20.53	149	769688	19.493	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.31	252	795106	20.558	ng/ul	97
80) Benzo(a)anthracene	21.38	228	2167449	20.538	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1165047	19.394	ng/ul	99
82) Chrysene	21.43	228	1957567	20.863	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	2048795	19.139	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	2415576	18.935	ng/ul#	99
86) Benzo(k)fluoranthene	23.04	252	2410840	20.078	ng/ul#	98
88) Benzo(a)pyrene	23.59	252	2422550	19.916	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	2997629	20.940	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.03	278	2546346	20.981	ng/ul#	97
91) Benzo(g,h,i)perylene	26.73	276	2397430	20.664	ng/ul#	97

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

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