

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013114.D
 Acq On : 27 Nov 2017 17:16
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02048

Manual Integrations
 APPROVED

Sohil
 11/28/2017 2:53:50 PM

Quant Time: Nov 28 01:44:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 00:44:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	188718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	843894	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	553811	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1332088	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1535981	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1483390	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	29302	7.19	ng/uL	0.00
5) Phenol-d5	6.90	99	306001	18.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	173974	18.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	243131	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	264726	19.77	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	128239	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	135641	23.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	282707	19.47	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	334419	22.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	906033	18.65	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1122700	18.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	162161	22.01	ng/ul	0.02
57) Fluorene-d10	15.34	176	767266	18.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	141125	24.43	ng/ul	0.00
70) Anthracene-d10	17.19	188	1225233	17.97	ng/ul	0.00
76) Pyrene-d10	19.49	212	1388176	17.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1425435	18.95	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	29044	6.489	ng/uL#	66
4) Benzaldehyde	6.86	77	210196	23.860	ng/ul	91
6) Phenol	6.93	94	311332	19.296	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.14	93	239965	19.754	ng/ul	98
10) 2-Chlorophenol	7.28	128	249482	19.293	ng/ul	96
11) 2-Methylphenol	8.16	108	249552	20.377	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	252133	18.295	ng/ul#	82
14) Acetophenone	8.53	105	419379	20.436	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.52	70	211728	20.117	ng/ul#	69
16) 4-Methylphenol	8.49	108	265919	20.448	ng/ul	95
17) Hexachloroethane	8.78	117	106886	19.517	ng/ul#	78
20) Nitrobenzene	8.90	77	317926	21.157	ng/ul	94
21) Isophorone	9.43	82	598204	19.427	ng/ul#	93
23) 2-Nitrophenol	9.61	139	149147	23.956	ng/ul#	82
24) 2,4-Dimethylphenol	9.68	107	328115	20.034	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.91	93	344943	19.522	ng/ul	96
27) 2,4-Dichlorophenol	10.15	162	266650	19.759	ng/ul#	86
28) Naphthalene	10.54	128	832235	19.139	ng/ul	100
30) 4-Chloroaniline	10.66	127	321174	22.062	ng/ul	92
31) Hexachlorobutadiene	10.82	225	190267	19.580	ng/ul	97
32) Caprolactam	11.43	113	95455m	22.526	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	305717	21.269	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	654166	20.562	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.53	216	369448	18.340	ng/ul	95
37) Hexachlorocyclopentadiene	12.50	237	199998	13.425	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	251378	20.706	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	264216	20.815	ng/ul	95
40) 1,1'-Biphenyl	13.18	154	873442	18.719	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	677757	18.326	ng/ul	96
42) 2-Nitroaniline	13.43	65	211806	26.967	ng/ul	95
44) Dimethylphthalate	13.81	163	910779	19.607	ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	189333	26.713	ng/ul	97
47) Acenaphthylene	14.07	152	1075817	18.867	ng/ul	99
48) 3-Nitroaniline	14.26	138	172715	26.017	ng/ul	91
49) Acenaphthene	14.41	153	721001	18.815	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	86501	25.493	ng/ul#	92
52) 4-Nitrophenol	14.59	109	163661	24.512	ng/ul#	82
53) Dibenzofuran	14.75	168	1056982	19.256	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	273518	27.587	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.98	232	246714	23.209	ng/ul	93
56) Diethylphthalate	15.18	149	933806	19.883	ng/ul	94
58) Fluorene	15.40	166	897441	19.853	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.40	204	464395	19.446	ng/ul	94
60) 4-Nitroaniline	15.43	138	184201	21.099	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.48	198	153292	24.437	ng/ul	100
64) N-Nitrosodiphenylamine	15.62	169	786716	18.811	ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	297009	18.409	ng/ul	97
66) Hexachlorobenzene	16.40	284	315802	18.136	ng/ul#	89
67) Atrazine	16.57	200	314501	19.633	ng/ul	95
68) Pentachlorophenol	16.75	266	179997	20.043	ng/ul	98
69) Phenanthrene	17.14	178	1409155	18.807	ng/ul	99
71) Anthracene	17.23	178	1465675	18.853	ng/ul	98
72) Carbazole	17.50	167	1279679	19.034	ng/ul	98
73) Di-n-butylphthalate	18.07	149	1602667	18.715	ng/ul	98
74) Fluoranthene	19.16	202	1749716	19.321	ng/ul#	94
77) Pyrene	19.52	202	1794247	18.760	ng/ul#	91
78) Butylbenzylphthalate	20.43	149	798197	20.086	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	630928	19.986	ng/ul	95
80) Benzo(a)anthracene	21.26	228	1905781	19.387	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.21	149	1151970	19.669	ng/ul	99
82) Chrysene	21.31	228	1665960	18.276	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	1890092	19.336	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1869287	19.499	ng/ul#	98
86) Benzo(k)fluoranthene	22.89	252	1754598	19.881	ng/ul#	95
88) Benzo(a)pyrene	23.41	252	1744840	19.544	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.75	276	1897991	18.201	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.76	278	1618581	18.322	ng/ul#	97
91) Benzo(g,h,i)perylene	26.43	276	1529358	17.650	ng/ul#	95

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

