

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
 Data File : BM015944.D
 Acq On : 13 Jul 2018 15:21
 Operator : SJ/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV35

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:29:17 PM

Quant Time: Jul 13 18:55:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 13 15:16:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	54760	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	266161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	165719	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	388673	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	478335	20.00	ng/ul	0.00
85) Perylene-d12	24.13	264	503186	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	9857	7.92	ng/uL	0.00
5) Phenol-d5	7.42	99	92183	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	61238	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	79661	19.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	80508	18.79	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	38067	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	42650	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	85214	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	111387	21.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	291313	19.29	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	337545	19.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	47860	18.28	ng/ul	0.00
57) Fluorene-d10	15.87	176	245245	19.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	46604	17.97	ng/ul	0.00
70) Anthracene-d10	17.72	188	385309	19.36	ng/ul	0.00
78) Pyrene-d10	19.97	212	432526	19.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.97	264	538720	19.47	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.53	88	9982	8.227	ng/uL 90
4) Benzaldehyde	7.40	77	66828	20.777	ng/ul 91
6) Phenol	7.45	94	93312	18.570	ng/ul# 77
8) Bis(2-Chloroethyl)ether	7.68	93	71025	19.141	ng/ul# 84
10) 2-Chlorophenol	7.82	128	78899	19.550	ng/ul 93
11) 2-Methylphenol	8.72	108	71676	18.546	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.79	45	115023	19.516	ng/ul# 90
14) Acetophenone	9.10	105	132649	18.629	ng/ul# 80
15) N-Nitroso-di-n-propylamine	9.07	70	70856	19.891	ng/ul# 64
16) 4-Methylphenol	9.05	108	81433	19.080	ng/ul 96
17) Hexachloroethane	9.35	117	36539	20.117	ng/ul 90
20) Nitrobenzene	9.49	77	107899	19.974	ng/ul# 87
21) Isophorone	10.01	82	188383	19.987	ng/ul 97
23) 2-Nitrophenol	10.21	139	48349	20.732	ng/ul# 74
24) 2,4-Dimethylphenol	10.25	107	105006	19.688	ng/ul 91
25) Bis(2-Chloroethoxy)methane	10.49	93	108137	19.719	ng/ul 98
27) 2,4-Dichlorophenol	10.74	162	81783	19.849	ng/ul 96
28) Naphthalene	11.14	128	273932	19.420	ng/ul 99
30) 4-Chloroaniline	11.26	127	113300	22.194	ng/ul 100
31) Hexachlorobutadiene	11.40	225	56688	19.585	ng/ul 94
32) Caprolactam	12.05	113	27079	19.498	ng/ul# 59
33) 4-Chloro-3-methylphenol	12.36	107	95846	19.813	ng/ul 98
34) 2-Methylnaphthalene	12.73	142	200936	19.199	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	101272	19.690	ng/ul#	96
37) Hexachlorocyclopentadiene	13.06	237	39373	16.146	ng/ul	98
38) 2,4,6-Trichlorophenol	13.34	196	68316	20.570	ng/ul	96
39) 2,4,5-Trichlorophenol	13.42	196	72086	20.431	ng/ul	98
40) 1,1'-Biphenyl	13.73	154	269889	19.232	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	209137	19.308	ng/ul	98
42) 2-Nitroaniline	13.99	65	69632	20.090	ng/ul#	72
44) Dimethylphthalate	14.34	163	290141	19.396	ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	54371	20.341	ng/ul#	65
47) Acenaphthylene	14.62	152	331674	19.657	ng/ul	99
48) 3-Nitroaniline	14.81	138	55747	20.255	ng/ul	91
49) Acenaphthene	14.95	153	232812	18.998	ng/ul	99
50) 2,4-Dinitrophenol	15.03	184	25350	17.162	ng/ul#	1
52) 4-Nitrophenol	15.11	109	56625	18.148	ng/ul#	81
53) Dibenzofuran	15.29	168	329450	18.839	ng/ul	89
54) 2,4-Dinitrotoluene	15.27	165	85080	19.832	ng/ul#	44
55) 2,3,4,6-Tetrachlorophenol	15.51	232	62403	19.415	ng/ul#	84
56) Diethylphthalate	15.69	149	314731	19.357	ng/ul	97
58) Fluorene	15.93	166	272829	19.256	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.92	204	133407	18.894	ng/ul	99
60) 4-Nitroaniline	15.97	138	56740	18.794	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	16.03	198	47109	17.733	ng/ul#	84
64) N-Nitrosodiphenylamine	16.13	169	233404	19.387	ng/ul	99
65) 4-Bromophenyl-phenylether	16.80	248	80493	19.217	ng/ul	96
66) Hexachlorobenzene	16.93	284	90944	19.446	ng/ul	94
67) Atrazine	17.06	200	91949	19.137	ng/ul	95
68) Pentachlorophenol	17.27	266	45124	17.948	ng/ul	98
69) Phenanthrene	17.66	178	439801	19.139	ng/ul	99
71) Anthracene	17.75	178	450695	19.021	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.70	216	106265	19.544	ng/uL	98
73) Pentachlorobenzene	15.20	250	103435	19.444	ng/uL	97
74) Carbazole	18.02	167	403257	18.779	ng/ul	99
75) Di-n-butylphthalate	18.54	149	536397	19.551	ng/ul#	98
76) Fluoranthene	19.64	202	525581	18.224	ng/ul	96
79) Pvrene	20.00	202	551391	19.554	ng/ul	95
80) Butylbenzylphthalate	20.86	149	269478	19.864	ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.64	252	210355	19.992	ng/ul	98
82) Benzo(a)anthracene	21.72	228	597031	19.305	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	398775	20.045	ng/ul	94
84) Chrysene	21.77	228	553681	19.140	ng/ul	100
86) Di-n-octyl phthalate	22.52	149	691733	17.552	ng/ul#	84
87) Benzo(b)fluoranthene	23.40	252	610515m	18.914	ng/ul	
88) Benzo(k)fluoranthene	23.44	252	604632	19.596	ng/ul	98
90) Benzo(a)pyrene	24.03	252	597532	19.253	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.59	276	720202	18.874	ng/ul#	93
92) Dibenzo(a,h)anthracene	26.59	278	605062	18.725	ng/ul#	96
93) Benzo(g,h,i)perylene	27.34	276	582250	19.083	ng/ul	95

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

