Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015564.D
Acq On : 08 Jun 2018 14:44
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV98

Quant Time: Jun 08 15:18:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 08 14:39:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	79346	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	407396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	270152	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	670766	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	832983	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	913066	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	12582	7.71	ng/uL	0.00
5) Phenol-d5	7.49	99	137686	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	86614	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	112482	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	121418	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	55541	20.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	61157	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	125550	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	175634	25.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	453311	20.27	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	491510	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	85775	19.87	ng/ul	0.00
57) Fluorene-d10	15.94	176	380262	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	73197	18.11	ng/ul	0.00
70) Anthracene-d10	17.78	188	615667	20.13	ng/ul	0.00
78) Pyrene-d10	20.03	212	713290	19.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.05	264	924864	20.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13601	8.095	ng/uL	87
4) Benzaldehyde	7.47	77	89337	23.662	ng/ul	89
6) Phenol	7.52	94	145687	19.470	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.76	93	110279	19.877	ng/ul#	87
10) 2-Chlorophenol	7.90	128	114905	20.245	ng/ul#	91
11) 2-Methylphenol	8.79	108	112199	19.585	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.87	45	186686	20.110	ng/ul#	87
14) Acetophenone	9.19	105	194287	20.010	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.16	70	104401	20.322	ng/ul#	72
16) 4-Methylphenol	9.12	108	125039	19.578	ng/ul	98
17) Hexachloroethane	9.43	117	45202	20.205	ng/ul	91
20) Nitrobenzene	9.57	77	147973	19.999	ng/ul	92
21) Isophorone	10.09	82	288782	20.414	ng/ul	98
23) 2-Nitrophenol	10.29	139	68773	20.243	ng/ul#	90
24) 2,4-Dimethylphenol	10.33	107	155426	20.678	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.57	93	170003	20.101	ng/ul	99
27) 2,4-Dichlorophenol	10.82	162	124989	20.516	ng/ul	98
28) Naphthalene	11.23	128	407611	19.990	ng/ul	100
30) 4-Chloroaniline	11.34	127	179835	25.502	ng/ul	100
31) Hexachlorobutadiene	11.49	225	73808	19.751	ng/ul	98
32) Caprolactam	12.11	113	44947	19.313	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.43	107	149373	20.594	ng/ul	98
34) 2-Methylnaphthalene	12.82	142	316897	20.264	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	156243	20.038 ng/ul	99
37) Hexachlorocyclopentadiene	13.14	237	46390	14.705 ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	104178	20.389 ng/ul	99
39) 2,4,5-Trichlorophenol	13.48	196	114710	20.362 ng/ul	95
40) 1,1'-Biphenyl	13.80	154	418845	19.864 ng/ul	99
41) 2-Chloronaphthalene	13.85	162	326571	20.023 ng/ul	98
42) 2-Nitroaniline	14.06	65	105445	20.862 ng/ul#	81
44) Dimethylphthalate	14.41	163	464203	20.326 ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	87909	20.755 ng/ul#	84
47) Acenaphthylene	14.69	152	511674	20.320 ng/ul	98
48) 3-Nitroaniline	14.87	138	90131	20.930 ng/ul	94
49) Acenaphthene	15.03	153	372703	20.055 ng/ul	95
50) 2,4-Dinitrophenol	15.09	184	42639	16.829 ng/ul#	1
52) 4-Nitrophenol	15.16	109	78539	20.507 ng/ul	83
53) Dibenzofuran	15.36	168	526306	20.129 ng/ul	100
54) 2,4-Dinitrotoluene	15.33	165	138171	21.008 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.58	232	103345	20.284 ng/ul#	96
56) Diethylphthalate	15.75	149	487543	20.310 ng/ul	98
58) Fluorene	16.00	166	438906	20.072 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	215961	19.840 ng/ul	98
60) 4-Nitroaniline	16.03	138	101711	19.464 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.09	198	79876	18.500 ng/ul#	92
64) N-Nitrosodiphenylamine	16.20	169	386315	19.991 ng/ul	99
65) 4-Bromophenyl-phenylether	16.87	248	135416	19.863 ng/ul	97
66) Hexachlorobenzene	16.99	284	160145	20.097 ng/ul	96
67) Atrazine	17.13	200	147946	20.752 ng/ul	99
68) Pentachlorophenol	17.33	266	83914	18.305 ng/ul	98
69) Phenanthrene	17.73	178	738869	20.071 ng/ul	100
71) Anthracene	17.82	178	753126	20.086 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	160622	19.855 ng/uL	99
73) Pentachlorobenzene	15.27	250	169163	19.897 ng/uL	99
74) Carbazole	18.08	167	685626	19.782 ng/ul	98
75) Di-n-butylphthalate	18.60	149	847716	20.324 ng/ul	99
76) Fluoranthene	19.70	202	892535	19.773 ng/ul	99
79) Pyrene	20.06	202	934906	20.007 ng/ul	100
80) Butylbenzylphthalate	20.91	149	417600	20.009 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.69	252	353725	20.804 ng/ul	98
82) Benzo(a)anthracene	21.77	228	1011868	20.035 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.66	149	629663	20.523 ng/ul	98
84) Chrysene	21.83	228	952347	20.096 ng/ul	100
86) Di-n-octyl phthalate	22.58	149	1106464	19.256 ng/ul#	88
87) Benzo(b)fluoranthene	23.47	252	1088764	20.062 ng/ul	99
88) Benzo(k)fluoranthene	23.51	252	1036227	20.235 ng/ul	100
90) Benzo(a)pyrene	24.10	252	1044181	20.138 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.70	276	1230781	18.948 ng/ul	96
92) Dibenzo(a,h)anthracene	26.70	278	1039263	18.961 ng/ul	98
93) Benzo(g,h,i)perylene	27.47	276	1087811	20.317 ng/ul	97

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

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