Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011728.D
Acq On : 27 Sep 2017 18:06
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 27 18:44:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 27 18:27:01 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SICV45

Manual Integrations APPROVED
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9/29/2017 2:22:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	222840	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	1016577	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	586970	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1318343	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1570485	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1401568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	39017	7.81	ng/uL	0.00
5) Phenol-d5	7.09	99	406545	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	303005	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	322179	19.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	330379	19.24	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	157605	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	173459	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	325579	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	410891	23.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1007983	20.02	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1213225	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	162330	18.87	ng/ul	0.00
57) Fluorene-d10	15.56	176	843617	19.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	161065	18.04	ng/ul	0.00
70) Anthracene-d10	17.42	188	1295005	19.30	ng/ul	0.00
76) Pyrene-d10	19.70	212	1496126	19.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1339415	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	43191	7.764	ng/uL#	1
4) Benzaldehyde	7.08	77	251251	23.376	ng/ul	98
6) Phenol	7.12	94	415671	18.752	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.35	93	328305	19.264	ng/ul#	78
10) 2-Chlorophenol	7.50	128	316669	19.903	ng/ul#	85
11) 2-Methylphenol	8.37	108	311132	19.113	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.47	45	692123	18.961	ng/ul	97
14) Acetophenone	8.76	105	536687	19.455	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.74	70	312085	20.044	ng/ul	91
16) 4-Methylphenol	8.70	108	346745	19.378	ng/ul	91
17) Hexachloroethane	9.02	117	139189	19.839	ng/ul#	66
20) Nitrobenzene	9.14	77	428148	19.617	ng/ul	97
21) Isophorone	9.67	82	815178	19.911	ng/ul#	97
23) 2-Nitrophenol	9.86	139	179775	20.416	ng/ul#	88
24) 2,4-Dimethylphenol	9.90	107	401081	20.007	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.15	93	467151	19.707	ng/ul	96
27) 2,4-Dichlorophenol	10.39	162	310305	20.213	ng/ul#	88
28) Naphthalene	10.79	128	1039459	19.563	ng/ul	100
30) 4-Chloroaniline	10.90	127	392482	22.740	ng/ul	96
31) Hexachlorobutadiene	11.07	225	209585	19.393	ng/ul	97
32) Caprolactam	11.67	113	99092m	19.923	ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	355554	20.458	ng/ul	97
34) 2-Methylnaphthalene	12.40	142	745392	19.790	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	388299	19.569 ng/ul#	96
37) Hexachlorocyclopentadiene	12.74	237	226949	17.796 ng/ul	98
38) 2,4,6-Trichlorophenol	13.00	196	252328	19.802 ng/ul	94
39) 2,4,5-Trichlorophenol	13.07	196	266229	20.182 ng/ul	98
40) 1,1'-Biphenyl	13.40	154	946593	19.581 ng/ul#	97
41) 2-Chloronaphthalene	13.45	162	730129	19.709 ng/ul	97
42) 2-Nitroaniline	13.66	65	285546	20.961 ng/ul	86
44) Dimethylphthalate	14.02	163	954141	19.816 ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	184463	20.803 ng/ul#	89
47) Acenaphthylene	14.30	152	1209744	19.808 ng/ul	100
48) 3-Nitroaniline	14.48	138	183758	20.265 ng/ul#	92
49) Acenaphthene	14.64	153	810824	19.495 ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	101006	17.353 ng/ul#	74
52) 4-Nitrophenol	14.77	109	155535	18.479 ng/ul	98
53) Dibenzofuran	14.97	168	1118806	19.585 ng/ul	95
54) 2,4-Dinitrotoluene	14.93	165	258914	20.463 ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.19	232	242703	19.946 ng/ul#	80
56) Diethylphthalate	15.38	149	996421	19.680 ng/ul	93
58) Fluorene	15.62	166	945638	19.549 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.61	204	465778	19.150 ng/ul	94
60) 4-Nitroaniline	15.64	138	180053	18.095 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.69	198	167047	18.422 ng/ul	95
64) N-Nitrosodiphenylamine	15.82	169	768033	19.709 ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	280295	19.330 ng/ul	95
66) Hexachlorobenzene	16.62	284	323155	20.057 ng/ul#	90
67) Atrazine	16.77	200	286891	18.989 ng/ul	95
68) Pentachlorophenol	16.96	266	191902	18.092 ng/ul	98
69) Phenanthrene	17.36	178	1441272	19.533 ng/ul	99
71) Anthracene	17.45	178	1488938	19.585 ng/ul	99
72) Carbazole	17.72	167	1236105	18.560 ng/ul	99
73) Di-n-butylphthalate	18.26	149	1693114	19.739 ng/ul	98
74) Fluoranthene	19.36	202	1718215	19.073 ng/ul#	89
77) Pyrene	19.73	202	1853319	19.803 ng/ul#	88
78) Butylbenzylphthalate	20.61	149	791484	20.233 ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.40	252	568703	19.044 ng/ul#	94
80) Benzo(a)anthracene	21.47	228	1735503	19.752 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.37	149	1162965	19.917 ng/ul#	93
82) Chrysene	21.52	228	1628794	19.655 ng/ul	98
84) Di-n-octyl phthalate	22.29	149	2019019	18.639 ng/ul#	86
85) Benzo(b)fluoranthene	23.13	252	1597290	19.316 ng/ul#	98
86) Benzo(k)fluoranthene	23.17	252	1651080	19.572 ng/ul#	96
88) Benzo(a)pyrene	23.74	252	1615062	20.221 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	1644863	19.780 ng/ul#	89
90) Dibenzo(a,h)anthracene	26.27	278	1385451	19.892 ng/ul#	95
91) Benzo(g,h,i)perylene	27.01	276	1371188	19.865 ng/ul#	91

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

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