Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
Data File : BM013683.D
Acq On : 20 Jan 2018 15:54
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02031

Quant Time: Jan 22 02:15:13 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 02:14:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	134347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	551676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	322290	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	724245	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	788228	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	750846	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	19535	5.75	ng/uL	0.00
5) Phenol-d5	6.79	99	207863	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	119838	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	177310	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	163013	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	86850	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	93456	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	173879	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	189327	24.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	511470	19.26	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	661544	19.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	81109	18.79	ng/ul	0.00
57) Fluorene-d10	15.26	176	454930	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	85059	19.51	ng/ul	0.00
70) Anthracene-d10	17.12	188	714381	20.25	ng/ul	0.00
76) Pyrene-d10	19.42	212	784095	21.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	701314	20.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	22318	5.994	ng/uL#	63
4) Benzaldehyde	6.76	77	143647	20.125	ng/ul	94
6) Phenol	6.82	94	208224	20.129	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.05	93	158011	19.520	ng/ul	99
10) 2-Chlorophenol	7.18	128	168074	20.066	ng/ul	94
11) 2-Methylphenol	8.06	108	156451	20.517	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	160898	19.535	ng/ul#	85
14) Acetophenone	8.43	105	259945	19.812	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.42	70	128140	20.019	ng/ul#	71
16) 4-Methylphenol	8.39	108	172618	21.171	ng/ul	99
17) Hexachloroethane	8.68	117	72550	17.795	ng/ul	84
20) Nitrobenzene	8.81	77	207197	18.737	ng/ul	94
21) Isophorone	9.33	82	350048	19.592	ng/ul#	93
23) 2-Nitrophenol	9.52	139	93572	19.850	ng/ul#	82
24) 2,4-Dimethylphenol	9.58	107	202252	20.350	ng/ul	86
25) Bis(2-Chloroethoxy)methane	9.82	93	204208	18.748	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	169079	20.078	ng/ul	95
28) Naphthalene	10.44	128	553689	20.174	ng/ul	97
30) 4-Chloroaniline	10.56	127	191018	25.410	ng/ul	98
31) Hexachlorobutadiene	10.72	225	125474	18.152	ng/ul	95
32) Caprolactam	11.33	113	52952	22.603	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.70	107	177868	20.835	ng/ul	96
34) 2-Methylnaphthalene	12.06	142	409211	19.998	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	228270	19.115 ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	67559	13.627 ng/ul	95
38) 2,4,6-Trichlorophenol	12.69	196	145615	21.065 ng/ul	93
39) 2,4,5-Trichlorophenol	12.76	196	144072	20.030 ng/ul	93
40) 1,1'-Biphenyl	13.09	154	524361	19.546 ng/ul	98
41) 2-Chloronaphthalene	13.13	162	419110	19.985 ng/ul	99
42) 2-Nitroaniline	13.35	65	115278	19.927 ng/ul	92
44) Dimethylphthalate	13.73	163	499596	19.129 ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	104315	20.611 ng/ul	93
47) Acenaphthylene	13.98	152	613269	19.788 ng/ul	99
48) 3-Nitroaniline	14.19	138	89459	22.476 ng/ul	88
49) Acenaphthene	14.33	153	412452	19.216 ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	48536	16.730 ng/ul	91
52) 4-Nitrophenol	14.50	109	81532	18.593 ng/ul#	77
53) Dibenzofuran	14.67	168	620287	19.210 ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	148829	20.173 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	135691	20.056 ng/ul	91
56) Diethylphthalate	15.10	149	493575	18.779 ng/ul	94
58) Fluorene	15.32	166	506575	19.152 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	264482	18.505 ng/ul	97
60) 4-Nitroaniline	15.35	138	98540	21.159 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	87870	19.096 ng/ul	99
64) N-Nitrosodiphenylamine	15.53	169	436508	20.492 ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	165082	19.299 ng/ul	94
66) Hexachlorobenzene	16.32	284	180663	19.621 ng/ul#	89
67) Atrazine	16.49	200	170101	20.008 ng/ul	95
68) Pentachlorophenol	16.67	266	96146	19.650 ng/ul	97
69) Phenanthrene	17.06	178	814317	20.228 ng/ul	99
71) Anthracene	17.15	178	831185	20.017 ng/ul	98
72) Carbazole	17.43	167	703500	20.525 ng/ul	97
73) Di-n-butylphthalate	17.99	149	772763	19.169 ng/ul	98
74) Fluoranthene	19.08	202	950993	19.790 ng/ul#	91
77) Pyrene	19.44	202	1012360	21.127 ng/ul#	93
78) Butylbenzylphthalate	20.36	149	357221	21.163 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.14	252	294918	22.617 ng/ul	95
80) Benzo(a)anthracene	21.20	228	958986	20.135 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.14	149	504748	19.930 ng/ul#	98
82) Chrysene	21.25	228	863684	19.767 ng/ul	99
84) Di-n-octyl phthalate	22.01	149	805443	17.800 ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	942010	20.429 ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	881727	19.783 ng/ul#	98
88) Benzo(a)pyrene	23.32	252	880233	20.207 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.62	276	1003750	19.520 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.63	278	847766	19.524 ng/ul#	97
91) Benzo(g,h,i)perylene	26.29	276	839263	19.831 ng/ul#	96

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

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