Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014332.D
Acq On : 23 Feb 2018 15:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
Sohil
2/26/2018 4:49:52 PM

Quant Time: Feb 23 16:30:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 22 03:35:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	65986	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	319239	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	233290	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	608192	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	608017	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	495918	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	13512	8.77	ng/uL	0.00
5) Phenol-d5	6.72	99	104258	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	67455	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	82791	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	88213	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	43420	18.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	46658	19.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	88353	17.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	108633	21.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	371960	19.31	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	465093	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	39475	14.84	ng/ul	0.00
57) Fluorene-d10	15.18	176	350316	20.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	61728	16.92	ng/ul	0.00
70) Anthracene-d10	17.04	188	563443	19.20	ng/ul	0.00
76) Pyrene-d10	19.34	212	627683	20.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	470173	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	15290	8.928	ng/uL#	68
4) Benzaldehyde	6.69	77	54738m	24.074	ng/ul	
6) Phenol	6.75	94	104303	17.823	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.97	93	82750	19.488	ng/ul	91
10) 2-Chlorophenol	7.10	128	83101	19.033	ng/ul	95
11) 2-Methylphenol	7.98	108	83844	18.731	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	79721m	18.604	ng/ul	
14) Acetophenone	8.35	105	159888	18.991	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.33	70	88001	20.858	ng/ul#	83
16) 4-Methylphenol	8.31	108	92681	19.001	ng/ul	98
17) Hexachloroethane	8.58	117	47054	20.687	ng/ul#	68
20) Nitrobenzene	8.73	77	143216	20.527	ng/ul	92
21) Isophorone	9.25	82	236977	19.857	ng/ul	99
23) 2-Nitrophenol	9.43	139	49390	18.676	ng/ul	88
24) 2,4-Dimethylphenol	9.50	107	130847	20.181	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.73	93	124225	19.761	ng/ul	96
27) 2,4-Dichlorophenol	9.96	162	95054m	19.809	ng/ul	
28) Naphthalene	10.35	128	315148	19.221	ng/ul	99
30) 4-Chloroaniline	10.48	127	110610	21.767	ng/ul	88
31) Hexachlorobutadiene	10.62	225	76134	19.998	ng/ul	86
32) Caprolactam	11.27	113	29153m	18.968	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	113454	19.567	ng/ul	92
34) 2-Methylnaphthalene	11.97	142	246638	19.763	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	141320	18.871 ng/ul#	95
37) Hexachlorocyclopentadiene	12.31	237	73830	18.116 ng/ul#	94
38) 2,4,6-Trichlorophenol	12.61	196	86931	18.606 ng/ul	93
39) 2,4,5-Trichlorophenol	12.69	196	96165	20.141 ng/ul	95
40) 1,1'-Biphenyl	13.00	154	352685	19.625 ng/ul	96
41) 2-Chloronaphthalene	13.05	162	279907	19.498 ng/ul	95
42) 2-Nitroaniline	13.28	65	92611	19.066 ng/ul#	82
44) Dimethylphthalate	13.65	163	369659	19.458 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	68761	19.051 ng/ul#	58
47) Acenaphthylene	13.90	152	440699	19.627 ng/ul	96
48) 3-Nitroaniline	14.12	138	52920	17.299 ng/ul	91
49) Acenaphthene	14.25	153	315971	19.984 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	27631	14.234 ng/ul#	42
52) 4-Nitrophenol	14.45	109	58892	16.888 ng/ul#	62
53) Dibenzofuran	14.59	168	477034	20.122 ng/ul#	87
54) 2,4-Dinitrotoluene	14.59	165	110266	19.068 ng/ul#	27
55) 2,3,4,6-Tetrachlorophenol	14.82	232	94383	19.548 ng/ul#	77
56) Diethylphthalate	15.03	149	419880	19.834 ng/ul#	91
58) Fluorene	15.24	166	400343	19.561 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.24	204	213324	19.927 ng/ul#	86
60) 4-Nitroaniline	15.30	138	48798	14.224 ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.35	198	64349	17.329 ng/ul#	82
64) N-Nitrosodiphenylamine	15.46	169	339967	19.452 ng/ul	98
65) 4-Bromophenyl-phenylether	16.14	248	131040	19.309 ng/ul#	87
66) Hexachlorobenzene	16.24	284	133549	18.713 ng/ul#	77
67) Atrazine	16.43	200	125611	18.198 ng/ul	95
68) Pentachlorophenol	16.60	266	63842	17.071 ng/ul	94
69) Phenanthrene	16.99	178	661752	18.885 ng/ul	99
71) Anthracene	17.07	178	684634	19.427 ng/ul	98
72) Carbazole	17.36	167	537078	18.125 ng/ul	97
73) Di-n-butylphthalate	17.92	149	721028	18.860 ng/ul	98
74) Fluoranthene	19.02	202	783622	18.718 ng/ul#	94
77) Pyrene	19.37	202	809758	20.040 ng/ul#	93
78) Butylbenzylphthalate	20.29	149	316698	18.956 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.08	252	185065	17.313 ng/ul#	90
80) Benzo(a)anthracene	21.13	228	730326	19.246 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	429787	17.962 ng/ul#	96
82) Chrysene	21.19	228	697470	19.703 ng/ul	98
84) Di-n-octyl phthalate	21.93	149	658159	15.466 ng/ul	96
85) Benzo(b)fluoranthene	22.67	252	644981	19.424 ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	604303	19.141 ng/ul#	97
88) Benzo(a)pyrene	23.22	252	578409	19.493 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.47	276	571528	19.849 ng/ul#	98
90) Dibenzo(a,h)anthracene	25.48	278	461577	19.292 ng/ul#	93
91) Benzo(g,h,i)perylene	26.13	276	456532	19.572 ng/ul#	95

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

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