Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012396.D
Acq On : 22 Oct 2017 14:08
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
Sohil
10/23/2017 4:00:42 PM

Quant Time: Oct 23 09:19:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 08:22:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	324863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1401006	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	847184	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1973939	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1745678	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1454636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	42986m	6.29	ng/uL	0.00
5) Phenol-d5	6.94	99	485206	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	291634	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	439357	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	425590	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	203383	19.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	243390	19.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	480573	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	557783	24.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1402389	18.73	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1765067	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	167042	14.84	ng/ul	0.00
57) Fluorene-d10	15.41	176	1204356	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	176493	13.03	ng/ul	0.00
70) Anthracene-d10	17.27	188	1903082	19.50	ng/ul	0.00
76) Pyrene-d10	19.57	212	1996436	22.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1367590	19.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	45276	6.491	ng/uL#	91
4) Benzaldehyde	6.91	77	340158	19.313	ng/ul	96
6) Phenol	6.97	94	499632	18.337	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.19	93	377721	18.190	ng/ul	92
10) 2-Chlorophenol	7.33	128	441670	19.356	ng/ul	94
11) 2-Methylphenol	8.21	108	386132	18.842	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	472543	17.922	ng/ul	96
14) Acetophenone	8.60	105	659126	19.111	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.57	70	342156	18.511	ng/ul#	89
16) 4-Methylphenol	8.55	108	426557	18.888	ng/ul	99
17) Hexachloroethane	8.82	117	192415	19.984	ng/ul	84
20) Nitrobenzene	8.98	77	515087	19.391	ng/ul	100
21) Isophorone	9.50	82	909681	18.330	ng/ul	98
23) 2-Nitrophenol	9.68	139	260900	19.475	ng/ul	96
24) 2,4-Dimethylphenol	9.74	107	508102	18.819	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.97	93	522966	17.971	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	466588	19.859	ng/ul	96
28) Naphthalene	10.61	128	1396993	19.273	ng/ul	98
30) 4-Chloroaniline	10.74	127	544008	24.783	ng/ul	99
31) Hexachlorobutadiene	10.88	225	350550	20.131	ng/ul	98
32) Caprolactam	11.54	113	133807m	18.040	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	458026	18.607	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	1050775	19.210	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	600346	19.521 ng/ul#	98
37) Hexachlorocyclopentadiene	12.57	237	113744	8.298 ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	391665	19.208 ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	403369	19.223 ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1383389	19.348 ng/ul	99
41) 2-Chloronaphthalene	13.30	162	1111155	19.806 ng/ul	98
42) 2-Nitroaniline	13.52	65	309283	19.813 ng/ul	91
44) Dimethylphthalate	13.88	163	1402101	18.691 ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	289544	19.445 ng/ul	89
47) Acenaphthylene	14.14	152	1732865	19.470 ng/ul	99
48) 3-Nitroaniline	14.35	138	271697	23.453 ng/ul	87
49) Acenaphthene	14.48	153	1168153	19.486 ng/ul	98
50) 2,4-Dinitrophenol	14.58	184	135631	16.040 ng/ul	85
52) 4-Nitrophenol	14.68	109	167619	16.569 ng/ul	91
53) Dibenzofuran	14.82	168	1707355	19.779 ng/ul	96
54) 2,4-Dinitrotoluene	14.82	165	444299	20.588 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.05	232	348648	18.155 ng/ul#	84
56) Diethylphthalate	15.24	149	1460581	18.012 ng/ul	97
58) Fluorene	15.47	166	1403660	19.579 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	733740	19.483 ng/ul	96
60) 4-Nitroaniline	15.52	138	258124	18.045 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.59	198	178564	12.486 ng/ul#	89
64) N-Nitrosodiphenylamine	15.68	169	1164453	18.847 ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	453091	19.175 ng/ul	95
66) Hexachlorobenzene	16.48	284	509000	19.015 ng/ul	95
67) Atrazine	16.64	200	479107	18.545 ng/ul	97
68) Pentachlorophenol	16.83	266	303230	20.311 ng/ul	97
69) Phenanthrene	17.21	178	2163659	19.268 ng/ul	99
71) Anthracene	17.31	178	2232605	19.205 ng/ul	99
72) Carbazole	17.58	167	1875639	19.064 ng/ul	100
73) Di-n-butylphthalate	18.12	149	2531836	18.535 ng/ul	99
74) Fluoranthene	19.23	202	2512261	18.539 ng/ul#	96
77) Pyrene	19.59	202	2558218	22.190 ng/ul	96
78) Butylbenzylphthalate	20.48	149	1165165	22.704 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.27	252	719077	20.698 ng/ul	98
80) Benzo(a)anthracene	21.34	228	2159109	19.008 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1734964	22.530 ng/ul	98
82) Chrysene	21.39	228	1895857	17.777 ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2773578	26.080 ng/ul#	94
85) Benzo(b)fluoranthene	22.95	252	1797144m	18.932 ng/ul	
86) Benzo(k)fluoranthene	23.00	252	1744753	19.073 ng/ul#	98
88) Benzo(a)pyrene	23.55	252	1686817	18.853 ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.99	276	2038981	21.460 ng/ul	97
90) Dibenzo(a,h)anthracene	25.99	278	1702207	21.312 ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	1673654	21.507 ng/ul#	97

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

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