Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010617\
Data File : BM008732.D
Acq On : 06 Jan 2017 13:13
Operator : UM/SJ
Sample : SSTD02052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
Sohil
1/9/2017 10:44:58 AM

Quant Time: Jan 06 14:01:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 13:54:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	89572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	388812	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.60	164	299941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.34	188	695432m	20.00	ng/ul	0.00
75) Chrysene-d12	21.50	240	804712	20.00	ng/ul	0.00
83) Perylene-d12	23.87	264	761477	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	17012	9.39	ng/uL	0.00
5) Phenol-d5	7.11	99	143109	21.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	99778	25.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	105622	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	113659	21.90	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	48988	17.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	48406	15.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	119620	20.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	139683	24.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.00	166	395477	20.46	ng/ul	0.00
46) Acenaphthylene-d8	14.29	160	469752	19.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	61195	20.49	ng/ul	0.00
57) Fluorene-d10	15.59	176	366632	21.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	64320	15.58	ng/ul	0.00
70) Anthracene-d10	17.43	188	594494	19.87	ng/ul	0.00
76) Pyrene-d10	19.72	212	704152	21.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.72	264	606584	19.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	19503	9.37	ng/uL#	75
4) Benzaldehyde	7.11	77	123288	25.51	ng/ul	86
6) Phenol	7.14	94	158146	23.07	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.39	93	115703	22.24	ng/ul#	84
10) 2-Chlorophenol	7.53	128	102944	19.45	ng/ul#	75
11) 2-Methylphenol	8.40	108	114823	22.59	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.50	45	185050	32.00	ng/ul#	92
14) Acetophenone	8.79	105	199376	24.02	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.77	70	116935	26.84	ng/ul#	82
16) 4-Methylphenol	8.72	108	126272	23.05	ng/ul	95
17) Hexachloroethane	9.05	117	55997	23.72	ng/ul	94
20) Nitrobenzene	9.17	77	172282	24.82	ng/ul#	86
21) Isophorone	9.70	82	300038	23.46	ng/ul#	93
23) 2-Nitrophenol	9.88	139	55364	17.09	ng/ul#	55
24) 2,4-Dimethylphenol	9.93	107	157934	22.72	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.17	93	161351	21.74	ng/ul	96
27) 2,4-Dichlorophenol	10.41	162	118501	20.95	ng/ul	91
28) Naphthalene	10.82	128	351837	19.48	ng/ul	99
30) 4-Chloroaniline	10.93	127	143568	24.75	ng/ul	99
31) Hexachlorobutadiene	11.10	225	107670	24.00	ng/ul	90
32) Caprolactam	11.72	113	34573m	21.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	143054	23.53	ng/ul	93
34) 2-Methylnaphthalene	12.42	142	273099	21.12	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.79	216	183617	19.71 ng/ul#	95
37) Hexachlorocyclopentadiene	12.76	237	124262	26.94 ng/ul#	96
38) 2,4,6-Trichlorophenol	13.02	196	108424	19.41 ng/ul	98
39) 2,4,5-Trichlorophenol	13.09	196	118277	19.99 ng/ul	94
40) 1,1'-Biphenyl	13.43	154	375255	18.56 ng/ul	98
41) 2-Chloronaphthalene	13.47	162	297299	19.25 ng/ul	96
42) 2-Nitroaniline	13.67	65	100570	22.80 ng/ul#	82
44) Dimethylphthalate	14.05	163	401038	21.15 ng/ul	98
45) 2,6-Dinitrotoluene	14.17	165	69572	18.52 ng/ul#	67
47) Acenaphthylene	14.32	152	464281	19.37 ng/ul	98
48) 3-Nitroaniline	14.50	138	69512	19.72 ng/ul#	77
49) Acenaphthene	14.66	153	317251	19.38 ng/ul	98
50) 2,4-Dinitrophenol	14.70	184	43494	18.33 ng/ul	94
52) 4-Nitrophenol	14.79	109	101199	36.04 ng/ul#	68
53) Dibenzofuran	14.99	168	485837	20.86 ng/ul	93
54) 2,4-Dinitrotoluene	14.95	165	103107	19.25 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.21	232	112423	21.16 ng/ul#	97
56) Diethylphthalate	15.41	149	422304	20.81 ng/ul	99
58) Fluorene	15.64	166	393342	20.80 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.63	204	226130	22.59 ng/ul	94
60) 4-Nitroaniline	15.66	138	75002	21.22 ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.71	198	67464	15.89 ng/ul#	87
64) N-Nitrosodiphenylamine	15.84	169	345229	17.79 ng/ul	97
65) 4-Bromophenyl-phenylether	16.53	248	140082m	18.07 ng/ul	
66) Hexachlorobenzene	16.63	284	161316	18.91 ng/ul#	85
67) Atrazine	16.79	200	151181	19.88 ng/ul	92
68) Pentachlorophenol	16.98	266	95281	19.30 ng/ul	95
69) Phenanthrene	17.38	178	671617m	19.31 ng/ul	
71) Anthracene	17.47	178	681010	19.19 ng/ul	96
72) Carbazole	17.74	167	596106	19.34 ng/ul	100
73) Di-n-butylphthalate	18.30	149	710640	19.45 ng/ul#	97
74) Fluoranthene	19.39	202	836660	20.72 ng/ul#	94
77) Pyrene	19.75	202	862033	20.82 ng/ul#	93
78) Butylbenzylphthalate	20.64	149	316285	19.84 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.42	252	315162	22.18 ng/ul	98
80) Benzo(a)anthracene	21.49	228	856628	20.63 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.41	149	427809	17.80 ng/ul	99
82) Chrysene	21.54	228	793482	20.23 ng/ul	99
84) Di-n-octyl phthalate	22.33	149	724410	18.48 ng/ul#	91
85) Benzo(b)fluoranthene	23.15	252	786964	19.30 ng/ul#	94
86) Benzo(k)fluoranthene	23.20	252	766349	19.93 ng/ul#	98
88) Benzo(a)pyrene	23.77	252	749353	19.12 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.30	276	861192	18.02 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.31	278	730666	18.13 ng/ul#	96
91) Benzo(g,h,i)perylene	27.04	276	732245	18.43 ng/ul#	95

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

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