Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009376.D
Acq On : 24 Mar 2017 12:43
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Manual Integrations APPROVED
mohammad
3/24/2017 4:10:16 PM

Quant Time: Mar 24 14:41:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	170347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	682219	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	409067	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	966889	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1282066	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	1201154	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	35089	7.85	ng/uL	0.00
5) Phenol-d5	7.01	99	305125	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	220339	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	210952	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	224221	19.50	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	104727	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	109092	20.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	224915	21.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	264080	21.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	643992	22.39	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	812615	22.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	114936	21.67	ng/ul	0.00
57) Fluorene-d10	15.49	176	604904	22.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	110677	18.11	ng/ul	0.00
70) Anthracene-d10	17.34	188	929846	20.16	ng/ul	0.00
78) Pyrene-d10	19.64	212	1095629	20.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1127591	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	37563	7.52	ng/uL#	67
4) Benzaldehyde	7.00	77	246977	22.89	ng/ul#	79
6) Phenol	7.04	94	324915	19.71	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.28	93	250765	19.53	ng/ul#	78
10) 2-Chlorophenol	7.42	128	224177	20.31	ng/ul#	74
11) 2-Methylphenol	8.29	108	220997	19.38	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.39	45	413292	19.84	ng/ul#	86
14) Acetophenone	8.68	105	388837	19.83	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.66	70	229815	20.31	ng/ul#	80
16) 4-Methylphenol	8.62	108	247867	20.02	ng/ul	99
17) Hexachloroethane	8.93	117	106404	19.98	ng/ul	96
20) Nitrobenzene	9.06	77	342525	20.26	ng/ul#	84
21) Isophorone	9.58	82	566936	20.17	ng/ul#	92
23) 2-Nitrophenol	9.77	139	119589	20.79	ng/ul#	61
24) 2,4-Dimethylphenol	9.82	107	281615	19.82	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.06	93	332107	20.38	ng/ul#	98
27) 2,4-Dichlorophenol	10.30	162	224179	20.89	ng/ul	98
28) Naphthalene	10.70	128	704388	20.40	ng/ul	99
30) 4-Chloroaniline	10.82	127	280937	21.63	ng/ul	98
31) Hexachlorobutadiene	10.97	225	171477	20.40	ng/ul	95
32) Caprolactam	11.60	113	61888m	18.72	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	250185	20.76	ng/ul	89
34) 2-Methylnaphthalene	12.32	142	512322	20.58	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	310445	22.59	ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	165347	19.18	ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	175929	21.86	ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	193814	22.32	ng/ul	96
40) 1,1'-Biphenyl	13.33	154	672597	22.25	ng/ul#	96
41) 2-Chloronaphthalene	13.37	162	544582	23.16	ng/ul	95
42) 2-Nitroaniline	13.59	65	195911	22.60	ng/ul#	67
44) Dimethylphthalate	13.95	163	657646	22.91	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	124391	22.43	ng/ul#	72
47) Acenaphthylene	14.22	152	824220	22.93	ng/ul	100
48) 3-Nitroaniline	14.41	138	135909	23.76	ng/ul#	72
49) Acenaphthene	14.56	153	575098	22.78	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	73215	19.21	ng/ul#	74
52) 4-Nitrophenol	14.71	109	140352	22.58	ng/ul#	77
53) Dibenzofuran	14.90	168	829606	22.67	ng/ul	98
54) 2,4-Dinitrotoluene	14.87	165	192459	23.21	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.12	232	183199	23.41	ng/ul	91
56) Diethylphthalate	15.32	149	678225	23.04	ng/ul	98
58) Fluorene	15.54	166	686042	22.99	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.54	204	352942	22.18	ng/ul	91
60) 4-Nitroaniline	15.57	138	142530	23.46	ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.63	198	122449	18.63	ng/ul#	83
64) N-Nitrosodiphenylamine	15.76	169	589402	20.20	ng/ul	98
65) 4-Bromophenyl-phenylether	16.43	248	219282	20.24	ng/ul	92
66) Hexachlorobenzene	16.54	284	241902	19.82	ng/ul	97
67) Atrazine	16.70	200	217307	19.53	ng/ul	97
68) Pentachlorophenol	16.89	266	138108	18.69	ng/ul	94
69) Phenanthrene	17.29	178	1091271	20.05	ng/ul	99
71) Anthracene	17.38	178	1132638	20.32	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	283134	19.92	ng/uL	97
73) Pentachlorobenzene	14.82	250	274385	19.52	ng/uL	97
74) Carbazole	17.65	167	1010112	20.11	ng/ul	98
75) Di-n-butylphthalate	18.20	149	1133010	20.89	ng/ul#	99
76) Fluoranthene	19.30	202	1320359	20.07	ng/ul	98
79) Pyrene	19.67	202	1395406	19.81	ng/ul	97
80) Butylbenzylphthalate	20.56	149	522702	20.34	ng/ul#	83
81) 3,3'-Dichlorobenzidine	21.34	252	515405	20.95	ng/ul#	98
82) Benzo(a)anthracene	21.41	228	1472805	20.21	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	760957	20.18	ng/ul#	99
84) Chrysene	21.46	228	1381523	20.00	ng/ul	98
86) Di-n-octyl phthalate	22.22	149	1332217	19.11	ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	1513939	20.87	ng/ul#	96
88) Benzo(k)fluoranthene	23.09	252	1414465	20.47	ng/ul#	97
90) Benzo(a)pyrene	23.65	252	1413807	20.44	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.12	276	1632838	20.73	ng/ul#	90
92) Dibenzo(a,h)anthracene	26.13	278	1384773	20.52	ng/ul#	94
93) Benzo(g,h,i)perylene	26.85	276	1340378	20.43	ng/ul#	90

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

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