Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009344.D
Acq On : 23 Mar 2017 15:26
Operator : SJ/MA
Sample : SSTD02057
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Manual Integrations APPROVED
mohammad
3/24/2017 4:09:16 PM

Quant Time: Mar 23 16:03:27 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 03:09:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	147003	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.66	136	599993	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.50	164	362771	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.25	188	837496	20.00	ng/ul	-0.01
77) Chrysene-d12	21.43	240	1097852	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	1018519	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	32492	9.74	ng/uL	-0.01
5) Phenol-d5	7.02	99	268561	16.89	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.19	67	193377	18.67	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.39	132	183080	18.84	ng/ul	-0.01
13) 4-Methylphenol-d8	8.56	113	199205	15.70	ng/ul	-0.01
19) Nitrobenzene-d5	9.02	128	90737	21.18	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.75	143	100689	21.17	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.27	165	193523	19.05	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.80	131	235767	19.46	ng/ul	-0.01
43) Dimethylphthalate-d6	13.90	166	595628	21.62	ng/ul	-0.02
46) Acenaphthylene-d8	14.19	160	739249	23.33	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.69	143	104053	19.02	ng/ul	-0.02
57) Fluorene-d10	15.49	176	531832	21.63	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.62	200	102742	20.50	ng/ul	-0.01
70) Anthracene-d10	17.34	188	829509	20.93	ng/ul	-0.02
78) Pyrene-d10	19.64	212	947853	21.39	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.60	264	949938	20.39	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	35078	9.91	ng/uL#	60
4) Benzaldehyde	7.00	77	217289	20.39	ng/ul	84
6) Phenol	7.04	94	283116	16.67	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.28	93	226151	18.59	ng/ul#	83
10) 2-Chlorophenol	7.42	128	194902	19.45	ng/ul#	76
11) 2-Methylphenol	8.29	108	197305	16.04	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	363577	17.94	ng/ul#	87
14) Acetophenone	8.68	105	342765	16.08	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.66	70	210007	16.07	ng/ul#	79
16) 4-Methylphenol	8.62	108	214683	15.39	ng/ul	97
17) Hexachloroethane	8.93	117	93982	21.42	ng/ul	94
20) Nitrobenzene	9.06	77	308342	21.58	ng/ul#	80
21) Isophorone	9.58	82	515317	18.23	ng/ul	95
23) 2-Nitrophenol	9.77	139	108932	21.04	ng/ul#	63
24) 2,4-Dimethylphenol	9.82	107	255701	19.25	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.06	93	296611	19.14	ng/ul	96
27) 2,4-Dichlorophenol	10.30	162	196493	19.54	ng/ul	96
28) Naphthalene	10.71	128	623506	20.26	ng/ul	98
30) 4-Chloroaniline	10.82	127	250127	19.48	ng/ul	97
31) Hexachlorobutadiene	10.97	225	152594	22.01	ng/ul	99
32) Caprolactam	11.59	113	57904m	13.79	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	222136	16.83	ng/ul	93
34) 2-Methylnaphthalene	12.32	142	448449	18.31	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	271967	24.93	ng/ul	99
37) Hexachlorocyclopentadiene	12.66	237	163786	26.55	ng/ul	99
38) 2,4,6-Trichlorophenol	12.93	196	159186	23.01	ng/ul	94
39) 2,4,5-Trichlorophenol	12.99	196	175561	22.15	ng/ul	92
40) 1,1'-Biphenyl	13.33	154	610524	24.02	ng/ul#	95
41) 2-Chloronaphthalene	13.37	162	480757	24.44	ng/ul	95
42) 2-Nitroaniline	13.59	65	178226	22.06	ng/ul#	63
44) Dimethylphthalate	13.96	163	591913	21.42	ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	116669	21.94	ng/ul#	67
47) Acenaphthylene	14.22	152	734958	23.17	ng/ul	99
48) 3-Nitroaniline	14.42	138	122297	21.60	ng/ul#	76
49) Acenaphthene	14.57	153	505204	22.64	ng/ul	97
50) 2,4-Dinitrophenol	14.62	184	69252	19.87	ng/ul#	85
52) 4-Nitrophenol	14.70	109	124161m	19.43	ng/ul	
53) Dibenzofuran	14.90	168	744245	22.63	ng/ul	97
54) 2,4-Dinitrotoluene	14.87	165	172525	21.06	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.12	232	161121	21.18	ng/ul	89
56) Diethylphthalate	15.32	149	606858	20.97	ng/ul	97
58) Fluorene	15.55	166	604495	21.30	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.54	204	322163	22.09	ng/ul	89
60) 4-Nitroaniline	15.57	138	126425	19.67	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.63	198	112193	21.32	ng/ul#	84
64) N-Nitrosodiphenylamine	15.76	169	527614	22.42	ng/ul	98
65) 4-Bromophenyl-phenylether	16.44	248	198052	21.89	ng/ul#	85
66) Hexachlorobenzene	16.54	284	217349	21.59	ng/ul	89
67) Atrazine	16.70	200	194781	19.79	ng/ul	96
68) Pentachlorophenol	16.89	266	125626	19.00	ng/ul	94
69) Phenanthrene	17.29	178	968029	20.77	ng/ul	98
71) Anthracene	17.38	178	993964	20.91	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	252105	25.62	ng/uL	99
73) Pentachlorobenzene	14.82	250	251897	23.84	ng/uL	98
74) Carbazole	17.66	167	876050	19.74	ng/ul	98
75) Di-n-butylphthalate	18.20	149	1008596	19.73	ng/ul#	97
76) Fluoranthene	19.30	202	1150615	19.59	ng/ul	97
79) Pyrene	19.67	202	1216741	21.33	ng/ul	97
80) Butylbenzylphthalate	20.56	149	459743	20.06	ng/ul#	83
81) 3,3'-Dichlorobenzidine	21.34	252	435929	20.96	ng/ul#	99
82) Benzo(a)anthracene	21.41	228	1264738	20.15	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	664304	18.62	ng/ul#	99
84) Chrysene	21.46	228	1190345	20.11	ng/ul	99
86) Di-n-octyl phthalate	22.22	149	1136916	20.76	ng/ul#	87
87) Benzo(b)fluoranthene	23.04	252	1264941	21.01	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	1204063m	20.93	ng/ul	
90) Benzo(a)pyrene	23.65	252	1206142	20.61	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.12	276	1355214	19.31	ng/ul#	90
92) Dibenzo(a,h)anthracene	26.13	278	1161615	19.57	ng/ul#	94
93) Benzo(g,h,i)perylene	26.85	276	1117744	19.24	ng/ul#	90

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

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