Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009392.D
Acq On : 24 Mar 2017 22:26
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02063

Manual Integrations APPROVED
mohammad
3/27/2017 1:17:50 PM

Quant Time: Mar 25 01:47:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 25 00:01:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	123431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	512666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	314568	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	729424m	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	973069	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	910241	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	26585	8.21	ng/uL	0.00
5) Phenol-d5	7.01	99	227680	20.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	164002	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	161051	21.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	175275	21.03	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	77843	20.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	79673	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	171439	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	199856	21.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	500981	22.65	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	610741	22.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	84345	20.68	ng/ul	0.00
57) Fluorene-d10	15.49	176	461842	22.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	84708	18.37	ng/ul	0.00
70) Anthracene-d10	17.34	188	710131	20.41	ng/ul	0.00
78) Pyrene-d10	19.63	212	810221	19.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	879957	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	31683	8.76	ng/uL#	73
4) Benzaldehyde	7.00	77	186364	23.84	ng/ul#	82
6) Phenol	7.03	94	243532	20.39	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.28	93	194854	20.94	ng/ul#	80
10) 2-Chlorophenol	7.42	128	170330	21.30	ng/ul#	77
11) 2-Methylphenol	8.29	108	171035	20.70	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.39	45	313181	20.75	ng/ul#	89
14) Acetophenone	8.68	105	288704	20.32	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.66	70	173432	21.15	ng/ul#	78
16) 4-Methylphenol	8.62	108	185611	20.69	ng/ul	98
17) Hexachloroethane	8.93	117	80109	20.76	ng/ul	93
20) Nitrobenzene	9.06	77	260196	20.48	ng/ul#	82
21) Isophorone	9.58	82	424544	20.10	ng/ul#	90
23) 2-Nitrophenol	9.77	139	88943	20.58	ng/ul#	63
24) 2,4-Dimethylphenol	9.82	107	216978	20.33	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.06	93	251365	20.53	ng/ul#	97
27) 2,4-Dichlorophenol	10.29	162	168923	20.95	ng/ul#	94
28) Naphthalene	10.70	128	531157	20.47	ng/ul	97
30) 4-Chloroaniline	10.82	127	206711	21.18	ng/ul	100
31) Hexachlorobutadiene	10.97	225	131623	20.84	ng/ul	96
32) Caprolactam	11.59	113	44626	17.96	ng/ul#	28
33) 4-Chloro-3-methylphenol	11.93	107	190318	21.02	ng/ul	92
34) 2-Methylnaphthalene	12.32	142	385179	20.59	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	230483	21.81	ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	132709	20.02	ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	133878	21.63	ng/ul	96
39) 2,4,5-Trichlorophenol	12.99	196	144619	21.66	ng/ul	96
40) 1,1'-Biphenyl	13.33	154	513337	22.08	ng/ul#	95
41) 2-Chloronaphthalene	13.37	162	395288	21.86	ng/ul	95
42) 2-Nitroaniline	13.58	65	138746	20.82	ng/ul#	62
44) Dimethylphthalate	13.95	163	489784	22.19	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	92205	21.62	ng/ul#	70
47) Acenaphthylene	14.22	152	618827	22.38	ng/ul	99
48) 3-Nitroaniline	14.41	138	97480	22.16	ng/ul#	72
49) Acenaphthene	14.56	153	434311	22.37	ng/ul	97
50) 2,4-Dinitrophenol	14.62	184	49076	16.75	ng/ul#	72
52) 4-Nitrophenol	14.70	109	102593	21.46	ng/ul#	72
53) Dibenzofuran	14.90	168	640228	22.75	ng/ul	93
54) 2,4-Dinitrotoluene	14.86	165	143145	22.45	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	15.12	232	134082	22.28	ng/ul#	88
56) Diethylphthalate	15.32	149	501672	22.16	ng/ul	98
58) Fluorene	15.54	166	519915	22.66	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.54	204	267645	21.87	ng/ul	91
60) 4-Nitroaniline	15.57	138	106766	22.85	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.63	198	93315	18.82	ng/ul#	85
64) N-Nitrosodiphenylamine	15.76	169	444804	20.21	ng/ul	98
65) 4-Bromophenyl-phenylether	16.43	248	165146	20.21	ng/ul	94
66) Hexachlorobenzene	16.54	284	186858	20.30	ng/ul	92
67) Atrazine	16.70	200	165000	19.66	ng/ul	96
68) Pentachlorophenol	16.89	266	102845	18.45	ng/ul	96
69) Phenanthrene	17.29	178	841470m	20.49	ng/ul	
71) Anthracene	17.38	178	839148	19.96	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	211502	19.72	ng/uL	99
73) Pentachlorobenzene	14.81	250	211621	19.96	ng/uL	96
74) Carbazole	17.65	167	757364	19.98	ng/ul	98
75) Di-n-butylphthalate	18.20	149	834290	20.39	ng/ul#	97
76) Fluoranthene	19.30	202	986220	19.87	ng/ul	97
79) Pyrene	19.66	202	1065715	19.94	ng/ul	99
80) Butylbenzylphthalate	20.55	149	382022	19.59	ng/ul#	79
81) 3,3'-Dichlorobenzidine	21.34	252	378608	20.28	ng/ul#	95
82) Benzo(a)anthracene	21.40	228	1108530	20.04	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	551688	19.28	ng/ul#	97
84) Chrysene	21.46	228	1055328	20.13	ng/ul	99
86) Di-n-octyl phthalate	22.22	149	976516	18.49	ng/ul#	88
87) Benzo(b)fluoranthene	23.04	252	1117984	20.34	ng/ul#	98
88) Benzo(k)fluoranthene	23.09	252	1091467	20.84	ng/ul	98
90) Benzo(a)pyrene	23.64	252	1077643	20.56	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.11	276	1251565	20.97	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.13	278	1067304	20.87	ng/ul#	94
93) Benzo(g,h,i)perylene	26.84	276	1030569	20.73	ng/ul#	90

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

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