Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\
Data File : BM009259.D
Acq On : 15 Mar 2017 10:51
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
3/16/2017 4:40:44 PM

Quant Time: Mar 16 01:13:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:51:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	81529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	428627	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	334646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	913554	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1385076	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1411966	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	14815	8.00	ng/uL	0.00
5) Phenol-d5	7.03	99	168875	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	119975m	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	108867	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	142432	20.24	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	58880	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	62841	18.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	135653	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	174862	20.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	551400	21.69	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	634048	21.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	102318	20.28	ng/ul	0.00
57) Fluorene-d10	15.51	176	487629	21.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	99384	18.18	ng/ul	0.00
70) Anthracene-d10	17.36	188	852976m	19.73	ng/ul	0.00
78) Pyrene-d10	19.66	212	1072065	19.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	1261878	19.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	19530	9.94	ng/uL#	83
4) Benzaldehyde	7.02	77	130364	22.06	ng/ul	83
6) Phenol	7.06	94	182595	19.39	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.30	93	138912	20.59	ng/ul#	85
10) 2-Chlorophenol	7.43	128	114486	20.60	ng/ul#	72
11) 2-Methylphenol	8.31	108	135712	19.89	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.40	45	232164	20.66	ng/ul#	85
14) Acetophenone	8.70	105	239687	20.28	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.68	70	145134	20.03	ng/ul#	82
16) 4-Methylphenol	8.63	108	152472	19.71	ng/ul	99
17) Hexachloroethane	8.95	117	48646	19.99	ng/ul#	79
20) Nitrobenzene	9.08	77	201729	19.76	ng/ul#	79
21) Isophorone	9.60	82	389457	19.29	ng/ul#	90
23) 2-Nitrophenol	9.79	139	71046	19.21	ng/ul#	77
24) 2,4-Dimethylphenol	9.84	107	186980	19.70	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.08	93	213466	19.28	ng/ul#	98
27) 2,4-Dichlorophenol	10.32	162	139416	19.41	ng/ul	96
28) Naphthalene	10.73	128	431091	19.61	ng/ul	99
30) 4-Chloroaniline	10.84	127	184120	20.07	ng/ul	98
31) Hexachlorobutadiene	11.00	225	92953	18.77	ng/ul	93
32) Caprolactam	11.61	113	58277	19.42	ng/ul#	45
33) 4-Chloro-3-methylphenol	11.95	107	185152	19.64	ng/ul	92
34) 2-Methylnaphthalene	12.33	142	344140	19.66	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	214927	21.35 ng/ul#	94
37) Hexachlorocyclopentadiene	12.67	237	110044	19.34 ng/ul	98
38) 2,4,6-Trichlorophenol	12.94	196	135311	21.20 ng/ul	99
39) 2,4,5-Trichlorophenol	13.01	196	154071	21.07 ng/ul	99
40) 1,1'-Biphenyl	13.34	154	498416	21.26 ng/ul	98
41) 2-Chloronaphthalene	13.39	162	389450	21.46 ng/ul	97
42) 2-Nitroaniline	13.60	65	154144	20.68 ng/ul#	69
44) Dimethylphthalate	13.97	163	547351	21.47 ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	99689	20.33 ng/ul#	79
47) Acenaphthylene	14.24	152	621147	21.23 ng/ul	99
48) 3-Nitroaniline	14.43	138	114282	21.88 ng/ul#	74
49) Acenaphthene	14.58	153	445447	21.64 ng/ul	98
50) 2,4-Dinitrophenol	14.63	184	63390	19.72 ng/ul#	83
52) 4-Nitrophenol	14.72	109	122079	20.71 ng/ul#	78
53) Dibenzofuran	14.92	168	670990	22.12 ng/ul	96
54) 2,4-Dinitrotoluene	14.89	165	168807	22.34 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.14	232	150000	21.38 ng/ul	91
56) Diethylphthalate	15.33	149	575837	21.57 ng/ul	100
58) Fluorene	15.57	166	569097	21.74 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	293745	21.84 ng/ul	89
60) 4-Nitroaniline	15.59	138	134912	22.75 ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.64	198	103289	17.99 ng/ul#	90
64) N-Nitrosodiphenylamine	15.77	169	503849	19.63 ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	192295	19.48 ng/ul	93
66) Hexachlorobenzene	16.56	284	216252	19.70 ng/ul	92
67) Atrazine	16.72	200	194472	18.12 ng/ul	94
68) Pentachlorophenol	16.91	266	127257	17.64 ng/ul	96
69) Phenanthrene	17.31	178	1002832	19.73 ng/ul	98
71) Anthracene	17.40	178	1012358	19.52 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	199859	18.62 ng/uL	95
73) Pentachlorobenzene	14.83	250	225488	19.57 ng/uL	97
74) Carbazole	17.67	167	942332	19.47 ng/ul	99
75) Di-n-butylphthalate	18.22	149	1039454	18.64 ng/ul	98
76) Fluoranthene	19.32	202	1317779	20.56 ng/ul	97
79) Pyrene	19.69	202	1389884	19.31 ng/ul	97
80) Butylbenzylphthalate	20.57	149	515026	17.81 ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.36	252	527089	20.09 ng/ul#	98
82) Benzo(a)anthracene	21.43	228	1566967	19.79 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.33	149	767374	17.05 ng/ul	100
84) Chrysene	21.47	228	1430041	19.15 ng/ul	99
86) Di-n-octyl phthalate	22.24	149	1411899	18.59 ng/ul#	89
87) Benzo(b)fluoranthene	23.07	252	1667965	19.99 ng/ul#	96
88) Benzo(k)fluoranthene	23.11	252	1521665	19.08 ng/ul#	97
90) Benzo(a)pyrene	23.67	252	1611686	19.87 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.16	276	1894414	19.47 ng/ul#	89
92) Dibenzo(a,h)anthracene	26.17	278	1603993	19.49 ng/ul#	95
93) Benzo(g,h,i)perylene	26.89	276	1581176	19.63 ng/ul#	92

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

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