Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012636.D
Acq On : 01 Nov 2017 13:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02079

Manual Integrations APPROVED
Sohil
11/2/2017 5:21:55 PM

Quant Time: Nov 02 01:26:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	253779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1177885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	829862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	2104284	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2705525	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	3148125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	43638m	8.78	ng/uL	0.00
5) Phenol-d5	7.02	99	458543	21.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	261814	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	349210	21.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	410530	22.66	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	183905	24.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	216521	28.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	434249	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	528800	24.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1498438	20.67	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1767003	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	266762	24.75	ng/ul	0.00
57) Fluorene-d10	15.47	176	1241530	20.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	273283	26.84	ng/ul	0.00
70) Anthracene-d10	17.32	188	2056703	20.51	ng/ul	0.00
76) Pyrene-d10	19.61	212	2420484	19.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2999602	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	44625	8.411	ng/uL#	63
4) Benzaldehyde	6.99	77	293867	25.492	ng/ul	92
6) Phenol	7.05	94	474900	21.514	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.27	93	346865	21.368	ng/ul	99
10) 2-Chlorophenol	7.41	128	354982	21.846	ng/ul	96
11) 2-Methylphenol	8.29	108	365322	21.950	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	392564	22.010	ng/ul#	84
14) Acetophenone	8.66	105	616560	21.658	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.65	70	339206	21.833	ng/ul#	63
16) 4-Methylphenol	8.62	108	413111	22.678	ng/ul	92
17) Hexachloroethane	8.92	117	138804	20.157	ng/ul	80
20) Nitrobenzene	9.04	77	458594	21.580	ng/ul	96
21) Isophorone	9.57	82	954713	21.229	ng/ul#	94
23) 2-Nitrophenol	9.75	139	231959	27.469	ng/ul#	77
24) 2,4-Dimethylphenol	9.82	107	487046	20.501	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.05	93	540288	21.378	ng/ul	95
27) 2,4-Dichlorophenol	10.29	162	423900	21.583	ng/ul#	91
28) Naphthalene	10.69	128	1209319	20.706	ng/ul	99
30) 4-Chloroaniline	10.79	127	535280	25.040	ng/ul	94
31) Hexachlorobutadiene	10.97	225	274856	18.241	ng/ul	95
32) Caprolactam	11.57	113	167889	26.395	ng/ul#	34
33) 4-Chloro-3-methylphenol	11.92	107	485608	22.008	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	981368	20.692	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	568129	19.332 ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	217285	11.449 ng/ul	97
38) 2,4,6-Trichlorophenol	12.91	196	407471	23.155 ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	427251	22.906 ng/ul	97
40) 1,1'-Biphenyl	13.31	154	1367825	20.660 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	1064107	20.489 ng/ul	99
42) 2-Nitroaniline	13.56	65	330962	27.402 ng/ul	90
44) Dimethylphthalate	13.93	163	1492560	20.813 ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	314917	27.635 ng/ul#	85
47) Acenaphthylene	14.20	152	1705130	20.834 ng/ul	99
48) 3-Nitroaniline	14.38	138	298648	27.968 ng/ul	90
49) Acenaphthene	14.54	153	1156219	20.625 ng/ul	98
50) 2,4-Dinitrophenol	14.60	184	172816	27.016 ng/ul	88
52) 4-Nitrophenol	14.70	109	230713	21.100 ng/ul	81
53) Dibenzofuran	14.87	168	1708990	20.601 ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	461873	27.061 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.10	232	415560	24.072 ng/ul#	96
56) Diethylphthalate	15.30	149	1495403	20.455 ng/ul	96
58) Fluorene	15.53	166	1440142	20.525 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	756190	19.808 ng/ul	97
60) 4-Nitroaniline	15.54	138	324882	24.270 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.62	198	296606	26.481 ng/ul#	85
64) N-Nitrosodiphenylamine	15.73	169	1278081	20.900 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	510309	20.244 ng/ul	98
66) Hexachlorobenzene	16.53	284	587107	21.055 ng/ul	98
67) Atrazine	16.69	200	546254	20.772 ng/ul	92
68) Pentachlorophenol	16.87	266	346818	22.742 ng/ul	96
69) Phenanthrene	17.26	178	2346672	20.622 ng/ul	99
71) Anthracene	17.35	178	2472006	21.018 ng/ul	99
72) Carbazole	17.62	167	2138424	21.949 ng/ul	99
73) Di-n-butylphthalate	18.19	149	2669661m	21.488 ng/ul	
74) Fluoranthene	19.27	202	3013839	23.373 ng/ul#	91
77) Pyrene	19.64	202	3139983	20.409 ng/ul#	91
78) Butylbenzylphthalate	20.53	149	1308958	21.594 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	1124162	18.933 ng/ul	96
80) Benzo(a)anthracene	21.38	228	3377032	20.844 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	1949906	21.143 ng/ul	99
82) Chrysene	21.43	228	3028517	21.025 ng/ul	99
84) Di-n-octyl phthalate	22.20	149	3465839	21.224 ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	3909688	20.090 ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	3546029	19.360 ng/ul#	97
88) Benzo(a)pyrene	23.60	252	3704507	19.965 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.03	276	4568078	20.919 ng/ul#	94
90) Dibenzo(a,h)anthracene	26.04	278	3836544	20.723 ng/ul#	97
91) Benzo(g,h,i)perylene	26.74	276	3702074	20.918 ng/ul#	96

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

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