Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022118\
Data File : BM014324.D
Acq On : 21 Feb 2018 15:30
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
Sohil
2/22/2018 11:56:08 AM

Quant Time: Feb 22 09:55:42 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 22 03:35:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	64227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	303028	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	245203	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	629374	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	705965	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	589642	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	12210	8.14	ng/uL	0.00
5) Phenol-d5	6.72	99	105598	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	67247	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	82621	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	90497	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	43929	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	47882	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	99246	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	107330	22.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	380003	18.77	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	482762	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	44605	15.95	ng/ul	0.00
57) Fluorene-d10	15.19	176	376799	20.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	67204	17.80	ng/ul	0.00
70) Anthracene-d10	17.04	188	625743	20.61	ng/ul	0.00
76) Pyrene-d10	19.35	212	700487	19.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	567660	19.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	14403	8.640	ng/uL#	66
4) Benzaldehyde	6.69	77	50940m	23.017	ng/ul	
6) Phenol	6.75	94	112210	19.699	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.97	93	80032	19.364	ng/ul	90
10) 2-Chlorophenol	7.10	128	84792	19.952	ng/ul#	91
11) 2-Methylphenol	7.98	108	84970	19.502	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.05	45	83222m	19.953	ng/ul	
14) Acetophenone	8.36	105	158305	19.318	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.34	70	89918	21.896	ng/ul#	78
16) 4-Methylphenol	8.32	108	91885	19.353	ng/ul	93
17) Hexachloroethane	8.58	117	48974	22.121	ng/ul#	63
20) Nitrobenzene	8.73	77	140311	21.186	ng/ul#	89
21) Isophorone	9.25	82	240621	21.241	ng/ul	99
23) 2-Nitrophenol	9.43	139	49601	19.759	ng/ul	87
24) 2,4-Dimethylphenol	9.50	107	131314	21.336	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.73	93	120087	20.125	ng/ul	96
27) 2,4-Dichlorophenol	9.96	162	93041	20.426	ng/ul#	89
28) Naphthalene	10.35	128	322352	20.712	ng/ul	99
30) 4-Chloroaniline	10.48	127	109581	22.718	ng/ul	95
31) Hexachlorobutadiene	10.62	225	78498	21.722	ng/ul	89
32) Caprolactam	11.27	113	28882m	19.797	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	117294	21.311	ng/ul	95
34) 2-Methylnaphthalene	11.97	142	249657	21.075	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.35	216	149830	19.035	ng/ul#	96
37) Hexachlorocyclopentadiene	12.32	237	75073	17.526	ng/ul#	89
38) 2,4,6-Trichlorophenol	12.61	196	93465	19.033	ng/ul	97
39) 2,4,5-Trichlorophenol	12.69	196	92000	18.333	ng/ul	94
40) 1,1'-Biphenyl	13.00	154	353876	18.735	ng/ul	96
41) 2-Chloronaphthalene	13.05	162	293753	19.468	ng/ul	94
42) 2-Nitroaniline	13.28	65	104152	20.400	ng/ul#	82
44) Dimethylphthalate	13.66	163	385623	19.312	ng/ul#	97
45) 2,6-Dinitrotoluene	13.79	165	75874	20.001	ng/ul#	81
47) Acenaphthylene	13.90	152	466851	19.781	ng/ul	98
48) 3-Nitroaniline	14.13	138	59769	18.589	ng/ul#	87
49) Acenaphthene	14.25	153	331965	19.976	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	31359m	15.370	ng/ul	
52) 4-Nitrophenol	14.44	109	66344	18.100	ng/ul#	57
53) Dibenzofuran	14.59	168	504548	20.248	ng/ul	90
54) 2,4-Dinitrotoluene	14.59	165	127067	20.905	ng/ul#	44
55) 2,3,4,6-Tetrachlorophenol	14.82	232	101490	19.998	ng/ul#	76
56) Diethylphthalate	15.03	149	455357	20.465	ng/ul#	92
58) Fluorene	15.24	166	429963	19.987	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.24	204	232145	20.632	ng/ul	91
60) 4-Nitroaniline	15.30	138	54236	15.041	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.35	198	69450	18.074	ng/ul#	81
64) N-Nitrosodiphenylamine	15.46	169	365285	20.197	ng/ul	98
65) 4-Bromophenyl-phenylether	16.14	248	140519	20.009	ng/ul#	90
66) Hexachlorobenzene	16.24	284	149490	20.242	ng/ul#	77
67) Atrazine	16.43	200	140761	19.707	ng/ul	94
68) Pentachlorophenol	16.60	266	67576	17.461	ng/ul	94
69) Phenanthrene	16.99	178	727257	20.056	ng/ul	99
71) Anthracene	17.07	178	737156	20.214	ng/ul	98
72) Carbazole	17.36	167	592944	19.336	ng/ul	96
73) Di-n-butylphthalate	17.92	149	821718	20.771	ng/ul	97
74) Fluoranthene	19.02	202	861375	19.882	ng/ul#	96
77) Pyrene	19.38	202	905616	19.303	ng/ul#	95
78) Butylbenzylphthalate	20.29	149	369613	19.054	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.08	252	215117	17.332	ng/ul#	97
80) Benzo(a)anthracene	21.13	228	869807	19.742	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	538462	19.381	ng/ul#	94
82) Chrysene	21.19	228	834766	20.310	ng/ul	98
84) Di-n-octyl phthalate	21.93	149	863781	17.071	ng/ul#	94
85) Benzo(b)fluoranthene	22.67	252	790037	20.010	ng/ul#	99
86) Benzo(k)fluoranthene	22.72	252	753555	20.075	ng/ul#	97
88) Benzo(a)pyrene	23.23	252	705782	20.005	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.48	276	680667	19.882	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.48	278	565111	19.865	ng/ul#	95
91) Benzo(g,h,i)perylene	26.14	276	541759	19.534	ng/ul#	95

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

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