Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013134.D
Acq On : 28 Nov 2017 10:24
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Manual Integrations APPROVED
Sohil
11/28/2017 2:54:20 PM

Quant Time: Nov 28 13:24:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 01:49:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	175358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	783680	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	533483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1338742	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1634885	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1570563	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26964	7.12	ng/uL	0.00
5) Phenol-d5	6.89	99	271762	17.89	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	157197	18.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	220052	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	236016	18.97	ng/ul	-0.01
19) Nitrobenzene-d5	8.86	128	111031	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	125193	23.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	260918	19.35	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.63	131	325927	23.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	866667	18.52	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1066617	17.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	152191	21.44	ng/ul	-0.02
57) Fluorene-d10	15.34	176	763019	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	144355	24.87	ng/ul	0.00
70) Anthracene-d10	17.19	188	1251749	18.26	ng/ul	0.00
76) Pyrene-d10	19.49	212	1464806	17.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1490649	18.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	29555	7.106	ng/uL#	60
4) Benzaldehyde	6.86	77	190281	23.245	ng/ul	92
6) Phenol	6.92	94	283164	18.888	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.14	93	215775	19.116	ng/ul	99
10) 2-Chlorophenol	7.28	128	223504	18.601	ng/ul	94
11) 2-Methylphenol	8.15	108	217024	19.071	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	216852	16.934	ng/ul#	79
14) Acetophenone	8.52	105	374706	19.650	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.51	70	192010	19.633	ng/ul#	69
16) 4-Methylphenol	8.48	108	240251	19.881	ng/ul	93
17) Hexachloroethane	8.78	117	101292	19.905	ng/ul#	80
20) Nitrobenzene	8.90	77	289031	20.712	ng/ul	96
21) Isophorone	9.42	82	535801	18.737	ng/ul	96
23) 2-Nitrophenol	9.60	139	132985	23.001	ng/ul#	91
24) 2,4-Dimethylphenol	9.67	107	295640	19.438	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.91	93	311280	18.970	ng/ul	94
27) 2,4-Dichlorophenol	10.14	162	254371	20.298	ng/ul#	89
28) Naphthalene	10.53	128	774397	19.177	ng/ul	98
30) 4-Chloroaniline	10.65	127	325104	24.047	ng/ul	97
31) Hexachlorobutadiene	10.82	225	184917	20.492	ng/ul	95
32) Caprolactam	11.42	113	84327m	21.429	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	278551	20.868	ng/ul	95
34) 2-Methylnaphthalene	12.15	142	616615	20.871	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	360266	18.566 ng/ul#	95
37) Hexachlorocyclopentadiene	12.50	237	192068	13.384 ng/ul	96
38) 2,4,6-Trichlorophenol	12.77	196	231417	19.788 ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	251295	20.552 ng/ul	96
40) 1,1'-Biphenyl	13.17	154	831469	18.498 ng/ul	97
41) 2-Chloronaphthalene	13.22	162	645991	18.133 ng/ul	98
42) 2-Nitroaniline	13.43	65	198642	26.255 ng/ul	94
44) Dimethylphthalate	13.81	163	874274	19.538 ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	176116	25.795 ng/ul	98
47) Acenaphthylene	14.06	152	1040718	18.947 ng/ul	97
48) 3-Nitroaniline	14.26	138	170689	26.691 ng/ul	93
49) Acenaphthene	14.41	153	690521	18.707 ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	85084	26.031 ng/ul	92
52) 4-Nitrophenol	14.58	109	162457	25.259 ng/ul#	79
53) Dibenzofuran	14.75	168	1051918	19.894 ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	267057	27.962 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	234973	22.947 ng/ul#	91
56) Diethylphthalate	15.18	149	896489	19.816 ng/ul	96
58) Fluorene	15.40	166	880385	20.218 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.40	204	469128	20.393 ng/ul	99
60) 4-Nitroaniline	15.42	138	194378	23.113 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	156388	24.806 ng/ul#	92
64) N-Nitrosodiphenylamine	15.61	169	776866	18.484 ng/ul	95
65) 4-Bromophenyl-phenylether	16.29	248	300911	18.558 ng/ul	94
66) Hexachlorobenzene	16.40	284	330304	18.875 ng/ul	95
67) Atrazine	16.57	200	317702	19.734 ng/ul	96
68) Pentachlorophenol	16.75	266	184975	20.495 ng/ul	96
69) Phenanthrene	17.13	178	1447725	19.226 ng/ul	98
71) Anthracene	17.22	178	1511212	19.342 ng/ul	98
72) Carbazole	17.50	167	1302033	19.271 ng/ul	98
73) Di-n-butylphthalate	18.07	149	1577475	18.329 ng/ul	98
74) Fluoranthene	19.15	202	1846711	20.290 ng/ul#	94
77) Pyrene	19.52	202	1923390	18.894 ng/ul#	93
78) Butylbenzylphthalate	20.42	149	751568	17.768 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	691091	20.567 ng/ul#	94
80) Benzo(a)anthracene	21.26	228	1974650	18.872 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1139546	18.279 ng/ul	99
82) Chrysene	21.32	228	1772761	18.271 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	1917884	18.531 ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	2005811	19.762 ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	1860463	19.910 ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1842654	19.494 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	1862730	16.871 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.75	278	1573097	16.819 ng/ul#	94
91) Benzo(g,h,i)perylene	26.42	276	1477638	16.107 ng/ul#	96

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

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