Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014270.D
Acq On : 16 Feb 2018 15:43
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02042

Manual Integrations APPROVED
Sohil
2/19/2018 4:15:43 PM

Quant Time: Feb 16 16:45:31 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 15 01:12:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	76642	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	364526	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	275964	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	715802	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	775287	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	625181	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	14492	8.09	ng/uL	0.00
5) Phenol-d5	6.73	99	117172	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	74264	18.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	91848	18.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	101519	17.91	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	48641	18.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	54165	19.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	113372	19.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	125810	22.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	420191	18.44	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	519740	18.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	49344	15.68	ng/ul	0.00
57) Fluorene-d10	15.19	176	395490	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	73676	17.16	ng/ul	0.00
70) Anthracene-d10	17.04	188	668955	19.37	ng/ul	0.00
76) Pyrene-d10	19.35	212	752267	18.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	581172	19.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	15802	7.944	ng/uL#	69
4) Benzaldehyde	6.70	77	55529	21.026	ng/ul#	88
6) Phenol	6.75	94	116667	17.164	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.97	93	90453	18.340	ng/ul	87
10) 2-Chlorophenol	7.10	128	95091	18.751	ng/ul	93
11) 2-Methylphenol	7.99	108	93492	17.982	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.07	45	90912m	18.266	ng/ul	
14) Acetophenone	8.36	105	179545	18.361	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.34	70	98995	20.202	ng/ul#	76
16) 4-Methylphenol	8.32	108	103575	18.282	ng/ul	91
17) Hexachloroethane	8.59	117	54747	20.723	ng/ul#	63
20) Nitrobenzene	8.73	77	150667	18.912	ng/ul	92
21) Isophorone	9.25	82	259868	19.069	ng/ul	98
23) 2-Nitrophenol	9.44	139	58280	19.299	ng/ul	92
24) 2,4-Dimethylphenol	9.50	107	142571	19.257	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.74	93	138835	19.341	ng/ul	94
27) 2,4-Dichlorophenol	9.97	162	108265	19.759	ng/ul	94
28) Naphthalene	10.36	128	365659	19.531	ng/ul	98
30) 4-Chloroaniline	10.49	127	126671	21.831	ng/ul	90
31) Hexachlorobutadiene	10.63	225	85626	19.697	ng/ul#	86
32) Caprolactam	11.27	113	32935m	18.767	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	129770	19.600	ng/ul	96
34) 2-Methylnaphthalene	11.98	142	274256	19.246	ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	12.36	216	167688	18.930	ng/ul#	93
37) Hexachlorocyclopentadiene	12.32	237	81177	16.839	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.62	196	101104	18.293	ng/ul	97
39) 2,4,5-Trichlorophenol	12.69	196	102340	18.120	ng/ul	94
40) 1,1'-Biphenyl	13.01	154	400823	18.855	ng/ul#	97
41) 2-Chloronaphthalene	13.05	162	322780	19.008	ng/ul	95
42) 2-Nitroaniline	13.29	65	107861	18.772	ng/ul	88
44) Dimethylphthalate	13.66	163	417824	18.593	ng/ul	97
45) 2,6-Dinitrotoluene	13.79	165	81959	19.196	ng/ul#	72
47) Acenaphthylene	13.91	152	503703	18.964	ng/ul	97
48) 3-Nitroaniline	14.13	138	67180	18.565	ng/ul#	95
49) Acenaphthene	14.25	153	361832	19.346	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	33246	14.478	ng/ul#	74
52) 4-Nitrophenol	14.45	109	72998	17.696	ng/ul#	66
53) Dibenzofuran	14.59	168	535950	19.111	ng/ul	90
54) 2,4-Dinitrotoluene	14.59	165	129384	18.914	ng/ul#	43
55) 2,3,4,6-Tetrachlorophenol	14.83	232	109099	19.101	ng/ul#	74
56) Diethylphthalate	15.03	149	483075	19.291	ng/ul	96
58) Fluorene	15.24	166	453454	18.730	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.24	204	246137	19.437	ng/ul#	88
60) 4-Nitroaniline	15.30	138	66612	16.414	ng/ul#	55
63) 4,6-Dinitro-2-methylphenol	15.36	198	76835	17.581	ng/ul#	83
64) N-Nitrosodiphenylamine	15.47	169	393048	19.108	ng/ul	98
65) 4-Bromophenyl-phenylether	16.14	248	150949	18.899	ng/ul#	86
66) Hexachlorobenzene	16.25	284	160309	19.086	ng/ul#	81
67) Atrazine	16.43	200	152024	18.714	ng/ul	91
68) Pentachlorophenol	16.61	266	77875	17.693	ng/ul	95
69) Phenanthrene	16.99	178	775015	18.792	ng/ul	99
71) Anthracene	17.09	178	801343	19.321	ng/ul	98
72) Carbazole	17.37	167	634335	18.188	ng/ul#	96
73) Di-n-butylphthalate	17.93	149	881524	19.592	ng/ul	99
74) Fluoranthene	19.02	202	925792	18.789	ng/ul#	93
77) Pyrene	19.38	202	961337	18.658	ng/ul#	93
78) Butylbenzylphthalate	20.30	149	405056	19.014	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.09	252	242573	17.796	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	921800	19.051	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	570956	18.713	ng/ul#	93
82) Chrysene	21.19	228	875720	19.401	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	911140	16.984	ng/ul	97
85) Benzo(b)fluoranthene	22.68	252	783831	18.725	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	782439	19.659	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	700183	18.718	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.49	276	677652	18.669	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.49	278	568602	18.852	ng/ul#	96
91) Benzo(g,h,i)perylene	26.16	276	543123	18.470	ng/ul#	96

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

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