Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014286.D
Acq On : 17 Feb 2018 01:19
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 17 04:33:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Manual Integrations APPROVED
Sohil
2/19/2018 4:16:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	88716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	416751	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	304422	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	777107	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	796187	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	644706	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	17110	8.26	ng/uL	0.00
5) Phenol-d5	6.72	99	131649	17.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	83532	18.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	105646	18.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	115810	17.65	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	56859	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	61932	19.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	128655	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	139572	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	474981	18.89	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	598439	19.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	56417	16.25	ng/ul	0.00
57) Fluorene-d10	15.19	176	444936	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	80069	17.18	ng/ul	0.00
70) Anthracene-d10	17.04	188	730787	19.49	ng/ul	0.00
76) Pyrene-d10	19.35	212	801629	19.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	612208	19.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	17692	7.683	ng/uL#	70
4) Benzaldehyde	6.70	77	59443	19.445	ng/ul	92
6) Phenol	6.75	94	135416	17.211	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.97	93	102388	17.935	ng/ul	96
10) 2-Chlorophenol	7.10	128	105469	17.967	ng/ul	97
11) 2-Methylphenol	7.99	108	107825	17.917	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.07	45	100532	17.450	ng/ul#	67
14) Acetophenone	8.36	105	196308	17.343	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.34	70	111939	19.734	ng/ul#	80
16) 4-Methylphenol	8.32	108	115014	17.538	ng/ul	99
17) Hexachloroethane	8.58	117	58828	19.237	ng/ul#	68
20) Nitrobenzene	8.73	77	167932	18.437	ng/ul	92
21) Isophorone	9.25	82	293620	18.846	ng/ul	99
23) 2-Nitrophenol	9.43	139	64464	18.672	ng/ul#	84
24) 2,4-Dimethylphenol	9.50	107	157063	18.556	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.73	93	157880	19.238	ng/ul	97
27) 2,4-Dichlorophenol	9.97	162	121686	19.425	ng/ul#	93
28) Naphthalene	10.35	128	406215	18.978	ng/ul	97
30) 4-Chloroaniline	10.48	127	140058	21.113	ng/ul#	88
31) Hexachlorobutadiene	10.62	225	93532	18.819	ng/ul	95
32) Caprolactam	11.27	113	36753m	18.318	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	151245	19.981	ng/ul	98
34) 2-Methylnaphthalene	11.97	142	311066	19.094	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	179203	18.338	ng/ul#	94
37) Hexachlorocyclopentadiene	12.32	237	89932	16.911	ng/ul	93
38) 2,4,6-Trichlorophenol	12.61	196	117591	19.288	ng/ul	95
39) 2,4,5-Trichlorophenol	12.69	196	115995	18.618	ng/ul	97
40) 1,1'-Biphenyl	13.01	154	445521	18.998	ng/ul#	98
41) 2-Chloronaphthalene	13.05	162	357173	19.067	ng/ul	94
42) 2-Nitroaniline	13.28	65	125403	19.784	ng/ul#	86
44) Dimethylphthalate	13.66	163	466763	18.829	ng/ul#	98
45) 2,6-Dinitrotoluene	13.79	165	93143	19.776	ng/ul#	67
47) Acenaphthylene	13.90	152	559814	19.106	ng/ul	99
48) 3-Nitroaniline	14.13	138	76833	19.247	ng/ul#	96
49) Acenaphthene	14.25	153	393074	19.052	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	37312m	14.730	ng/ul	
52) 4-Nitrophenol	14.45	109	84015	18.462	ng/ul#	63
53) Dibenzofuran	14.59	168	584778	18.903	ng/ul	91
54) 2,4-Dinitrotoluene	14.59	165	143371	18.999	ng/ul#	55
55) 2,3,4,6-Tetrachlorophenol	14.83	232	119357	18.944	ng/ul#	72
56) Diethylphthalate	15.03	149	531913	19.256	ng/ul	94
58) Fluorene	15.24	166	502698	18.823	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.24	204	270919	19.394	ng/ul	94
60) 4-Nitroaniline	15.30	138	75165m	16.790	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.36	198	85465	18.013	ng/ul#	83
64) N-Nitrosodiphenylamine	15.46	169	436012	19.524	ng/ul	97
65) 4-Bromophenyl-phenylether	16.14	248	165646	19.103	ng/ul#	85
66) Hexachlorobenzene	16.24	284	172136	18.877	ng/ul#	76
67) Atrazine	16.43	200	164439	18.645	ng/ul	94
68) Pentachlorophenol	16.61	266	85592m	17.912	ng/ul	
69) Phenanthrene	16.99	178	851087	19.009	ng/ul	98
71) Anthracene	17.08	178	870349	19.329	ng/ul	98
72) Carbazole	17.36	167	696238	18.389	ng/ul	97
73) Di-n-butylphthalate	17.92	149	930885	19.057	ng/ul	97
74) Fluoranthene	19.02	202	1006134	18.809	ng/ul#	94
77) Pyrene	19.38	202	1032594	19.515	ng/ul#	92
78) Butylbenzylphthalate	20.30	149	425770	19.461	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.08	252	247541	17.684	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	962045	19.361	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	571334	18.234	ng/ul#	94
82) Chrysene	21.19	228	904011	19.502	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	897272	16.219	ng/ul	98
85) Benzo(b)fluoranthene	22.68	252	802189	18.583	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	814321	19.841	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	735818	19.075	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.48	276	724656	19.359	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.49	278	605498	19.467	ng/ul#	97
91) Benzo(g,h,i)perylene	26.14	276	582298	19.203	ng/ul#	96

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

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