Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014550.D
Acq On : 13 Mar 2018 19:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Manual Integrations APPROVED
Sohil
3/14/2018 1:35:55 PM

Quant Time: Mar 14 02:04:07 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 01:56:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	78868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	331345	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	193416	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	423972	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	372764	20.00	ng/ul	0.00
83) Perylene-d12	23.29	264	322605	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	12171	6.61	ng/uL	0.00
5) Phenol-d5	6.69	99	122059	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	75157	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	98238	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	103507	17.75	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	47061	19.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	53012	20.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	100201	19.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	109212	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.56	166	333912	20.91	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	404231	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	37637	17.07	ng/ul	0.00
57) Fluorene-d10	15.15	176	269715	18.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	47919	18.84	ng/ul	0.00
70) Anthracene-d10	17.00	188	403518	19.73	ng/ul	0.00
76) Pyrene-d10	19.32	212	419365	21.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.16	264	320679	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	10003	4.887	ng/uL#	68
4) Benzaldehyde	6.65	77	64142	23.602	ng/ul	91
6) Phenol	6.71	94	119826	17.131	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.92	93	91005	17.932	ng/ul	96
10) 2-Chlorophenol	7.05	128	96678	18.526	ng/ul	97
11) 2-Methylphenol	7.94	108	92537	17.296	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.01	45	93152m	18.188	ng/ul	
14) Acetophenone	8.30	105	167617	16.657	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.28	70	88983	17.646	ng/ul#	73
16) 4-Methylphenol	8.27	108	96401	16.535	ng/ul	84
17) Hexachloroethane	8.52	117	51287	18.865	ng/ul#	77
20) Nitrobenzene	8.68	77	143842	19.863	ng/ul#	95
21) Isophorone	9.20	82	242303	19.561	ng/ul	97
23) 2-Nitrophenol	9.39	139	55956	20.385	ng/ul	92
24) 2,4-Dimethylphenol	9.46	107	132078	19.626	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.68	93	126119	19.329	ng/ul#	97
27) 2,4-Dichlorophenol	9.93	162	95617	19.198	ng/ul#	90
28) Naphthalene	10.29	128	329858	19.383	ng/ul	98
30) 4-Chloroaniline	10.44	127	108245	20.523	ng/ul	96
31) Hexachlorobutadiene	10.56	225	76744	19.422	ng/ul	93
32) Caprolactam	11.26	113	28588m	17.921	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	109205	18.146	ng/ul	92
34) 2-Methylnaphthalene	11.92	142	240851	18.594	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.30	216	134191	21.613	ng/ul#	93
37) Hexachlorocyclopentadiene	12.26	237	64934	19.218	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.57	196	81944	21.155	ng/ul	96
39) 2,4,5-Trichlorophenol	12.66	196	84057m	21.235	ng/ul	
40) 1,1'-Biphenyl	12.96	154	323369	21.704	ng/ul	98
41) 2-Chloronaphthalene	13.00	162	254381	21.373	ng/ul	96
42) 2-Nitroaniline	13.25	65	87438	21.712	ng/ul	85
44) Dimethylphthalate	13.61	163	317056	20.130	ng/ul	98
45) 2,6-Dinitrotoluene	13.75	165	61885	20.681	ng/ul#	82
47) Acenaphthylene	13.86	152	377415	20.274	ng/ul	97
48) 3-Nitroaniline	14.10	138	49600	19.556	ng/ul	96
49) Acenaphthene	14.20	153	258166	19.694	ng/ul	96
50) 2,4-Dinitrophenol	14.35	184	31340m	19.473	ng/ul	
52) 4-Nitrophenol	14.45	109	53178	18.393	ng/ul#	50
53) Dibenzofuran	14.55	168	379729	19.319	ng/ul#	87
54) 2,4-Dinitrotoluene	14.57	165	93646	19.532	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	14.79	232	73933	18.469	ng/ul#	80
56) Diethylphthalate	14.99	149	337303	19.218	ng/ul	95
58) Fluorene	15.20	166	304375	17.938	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.19	204	167455	18.867	ng/ul	91
60) 4-Nitroaniline	15.27	138	48473m	17.042	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.35	198	46474	17.954	ng/ul	92
64) N-Nitrosodiphenylamine	15.42	169	257685	21.150	ng/ul	99
65) 4-Bromophenyl-phenylether	16.09	248	103640	21.907	ng/ul#	87
66) Hexachlorobenzene	16.21	284	99134	19.926	ng/ul#	86
67) Atrazine	16.39	200	95500	19.848	ng/ul	91
68) Pentachlorophenol	16.57	266	42220m	16.195	ng/ul	
69) Phenanthrene	16.94	178	473377	19.379	ng/ul	99
71) Anthracene	17.04	178	475311	19.348	ng/ul	98
72) Carbazole	17.33	167	381110	18.449	ng/ul	98
73) Di-n-butylphthalate	17.88	149	522437	19.604	ng/ul	99
74) Fluoranthene	18.98	202	522659	17.909	ng/ul#	96
77) Pyrene	19.35	202	519856	20.985	ng/ul	97
78) Butylbenzylphthalate	20.26	149	228323	22.291	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.05	252	152813	23.317	ng/ul	94
80) Benzo(a)anthracene	21.11	228	472449	20.308	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.03	149	310372	21.157	ng/ul#	92
82) Chrysene	21.16	228	436071	20.093	ng/ul	99
84) Di-n-octyl phthalate	21.90	149	473363	17.099	ng/ul#	90
85) Benzo(b)fluoranthene	22.64	252	402523	18.634	ng/ul#	96
86) Benzo(k)fluoranthene	22.69	252	402019	19.575	ng/ul#	97
88) Benzo(a)pyrene	23.20	252	377146	19.538	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.44	276	441165	23.553	ng/ul	97
90) Dibenzo(a,h)anthracene	25.44	278	372212	23.915	ng/ul#	92
91) Benzo(g,h,i)perylene	26.11	276	362756	23.907	ng/ul	96

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

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