Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031418\
Data File : BM014567.D
Acq On : 14 Mar 2018 12:12
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02042

Manual Integrations APPROVED
Sohil
3/15/2018 7:01:13 PM

Quant Time: Mar 14 18:28:25 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	99571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	448680	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	269967	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.91	188	589511	20.00	ng/ul	0.00
75) Chrysene-d12	21.14	240	383560	20.00	ng/ul	0.01
83) Perylene-d12	23.32	264	320947	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	15876	6.82	ng/uL	0.00
5) Phenol-d5	6.70	99	148294	17.62	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	91531	17.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	122739	19.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	131853	17.91	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	63752	19.23	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	72878	21.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	137089	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	151921	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	457508	20.52	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	548979	19.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	74239	24.12	ng/ul	0.00
57) Fluorene-d10	15.15	176	357603	17.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	62964	17.80	ng/ul	0.00
70) Anthracene-d10	17.01	188	528347	18.58	ng/ul	0.00
76) Pyrene-d10	19.33	212	499046	25.23	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.17	264	288032	18.44	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	17344	6.711	ng/uL#	68
4) Benzaldehyde	6.65	77	69523	20.263	ng/ul	97
6) Phenol	6.72	94	148633	16.831	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.92	93	115104	17.964	ng/ul	91
10) 2-Chlorophenol	7.05	128	121666	18.466	ng/ul	95
11) 2-Methylphenol	7.95	108	123587	18.297	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.01	45	116460m	18.011	ng/ul	
14) Acetophenone	8.31	105	215632	16.973	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.29	70	119832	18.823	ng/ul#	77
16) 4-Methylphenol	8.29	108	133660	18.159	ng/ul	92
17) Hexachloroethane	8.52	117	64287	18.731	ng/ul#	65
20) Nitrobenzene	8.69	77	181473	18.506	ng/ul	99
21) Isophorone	9.20	82	333337	19.873	ng/ul	99
23) 2-Nitrophenol	9.39	139	71603	19.264	ng/ul	94
24) 2,4-Dimethylphenol	9.46	107	171644	18.836	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.68	93	169292	19.161	ng/ul	92
27) 2,4-Dichlorophenol	9.93	162	124941	18.526	ng/ul#	92
28) Naphthalene	10.30	128	428258	18.584	ng/ul	99
30) 4-Chloroaniline	10.45	127	149550	20.940	ng/ul	90
31) Hexachlorobutadiene	10.56	225	103697	19.380	ng/ul	92
32) Caprolactam	11.25	113	44356m	20.534	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	151786	18.626	ng/ul	93
34) 2-Methylnaphthalene	11.92	142	316832	18.064	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.31	216	176331	20.347	ng/ul#	94
37) Hexachlorocyclopentadiene	12.26	237	75117	15.928	ng/ul	96
38) 2,4,6-Trichlorophenol	12.58	196	110953	20.521	ng/ul	89
39) 2,4,5-Trichlorophenol	12.67	196	114288	20.685	ng/ul	99
40) 1,1'-Biphenyl	12.96	154	436681	20.998	ng/ul	98
41) 2-Chloronaphthalene	13.00	162	341027	20.528	ng/ul	95
42) 2-Nitroaniline	13.25	65	122791	21.845	ng/ul	90
44) Dimethylphthalate	13.62	163	440028	20.016	ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	92513	22.150	ng/ul#	75
47) Acenaphthylene	13.86	152	507351	19.525	ng/ul	99
48) 3-Nitroaniline	14.10	138	72703	20.537	ng/ul	92
49) Acenaphthene	14.21	153	348711	19.059	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	33469m	14.899	ng/ul	
52) 4-Nitrophenol	14.47	109	78055	19.342	ng/ul#	42
53) Dibenzofuran	14.55	168	491525	17.916	ng/ul#	83
54) 2,4-Dinitrotoluene	14.57	165	131001	19.575	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.80	232	95871	17.158	ng/ul#	80
56) Diethylphthalate	14.99	149	462298	18.871	ng/ul#	91
58) Fluorene	15.21	166	409179	17.276	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.20	204	216589	17.483	ng/ul#	88
60) 4-Nitroaniline	15.28	138	56955	14.346	ng/ul#	47
63) 4,6-Dinitro-2-methylphenol	15.35	198	67416	18.731	ng/ul#	85
64) N-Nitrosodiphenylamine	15.43	169	348100	20.548	ng/ul	96
65) 4-Bromophenyl-phenylether	16.10	248	135563	20.608	ng/ul#	84
66) Hexachlorobenzene	16.22	284	140391	20.295	ng/ul#	75
67) Atrazine	16.40	200	134931	20.168	ng/ul	96
68) Pentachlorophenol	16.59	266	49911	13.769	ng/ul	100
69) Phenanthrene	16.96	178	622755	18.335	ng/ul	99
71) Anthracene	17.04	178	620131	18.155	ng/ul	99
72) Carbazole	17.34	167	503280	17.522	ng/ul	96
73) Di-n-butylphthalate	17.89	149	685885	18.510	ng/ul	97
74) Fluoranthene	18.99	202	638561	15.736	ng/ul	98
77) Pyrene	19.36	202	619820	24.316	ng/ul#	96
78) Butylbenzylphthalate	20.27	149	241357	22.900	ng/ul	85
79) 3,3'-Dichlorobenzidine	21.06	252	154105	22.853	ng/ul#	94
80) Benzo(a)anthracene	21.12	228	461939	19.297	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.04	149	308135	20.414	ng/ul#	95
82) Chrysene	21.17	228	419885	18.803	ng/ul	100
84) Di-n-octyl phthalate	21.90	149	471577	17.123	ng/ul#	82
85) Benzo(b)fluoranthene	22.67	252	363596	16.919	ng/ul#	98
86) Benzo(k)fluoranthene	22.71	252	370727	18.145	ng/ul#	99
88) Benzo(a)pyrene	23.22	252	350892	18.272	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.48	276	389121	20.882	ng/ul	96
90) Dibenzo(a,h)anthracene	25.47	278	328889	21.241	ng/ul	97
91) Benzo(g,h,i)perylene	26.14	276	316450	20.963	ng/ul#	95

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

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