Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011951.D
Acq On : 06 Oct 2017 21:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
Sohil
10/9/2017 6:38:56 PM

Quant Time: Oct 07 05:55:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 04:15:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	250122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1020005	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	568090	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1171995	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1174415	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1260826	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	45359	8.58	ng/uL	0.00
5) Phenol-d5	7.02	99	405120	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	251543	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	359389	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	338573	18.20	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	167070	23.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	192732	23.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	358544	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	411414	22.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	985143	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1241829	21.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	141690	16.47	ng/ul	0.00
57) Fluorene-d10	15.49	176	845296	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	152146	19.29	ng/ul	0.00
70) Anthracene-d10	17.34	188	1219264	21.11	ng/ul	0.00
76) Pyrene-d10	19.63	212	1281037	24.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1253307	20.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	46075	8.57	ng/uL#	68
4) Benzaldehyde	7.00	77	236894	22.09	ng/ul	91
6) Phenol	7.04	94	396102	18.60	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.27	93	317171	19.84	ng/ul	95
10) 2-Chlorophenol	7.42	128	346418	20.54	ng/ul	99
11) 2-Methylphenol	8.30	108	300263	18.54	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.39	45	407386	19.92	ng/ul#	87
14) Acetophenone	8.68	105	502685	18.47	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.66	70	268756	19.29	ng/ul#	69
16) 4-Methylphenol	8.63	108	329423	18.17	ng/ul	93
17) Hexachloroethane	8.93	117	149834	22.14	ng/ul#	80
20) Nitrobenzene	9.06	77	389264	22.18	ng/ul	92
21) Isophorone	9.59	82	685540	20.95	ng/ul	94
23) 2-Nitrophenol	9.77	139	197141	22.93	ng/ul#	80
24) 2,4-Dimethylphenol	9.83	107	388230	21.05	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.07	93	421447	20.97	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	339836	21.30	ng/ul	91
28) Naphthalene	10.71	128	1067092	20.85	ng/ul	100
30) 4-Chloroaniline	10.82	127	390857	22.08	ng/ul	94
31) Hexachlorobutadiene	10.99	225	260711	22.27	ng/ul	93
32) Caprolactam	11.60	113	86130	16.47	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.95	107	335588	19.35	ng/ul	95
34) 2-Methylnaphthalene	12.32	142	781209	20.02	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	442807	22.98	ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	215120	19.18	ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	282770	23.10	ng/ul	97
39) 2,4,5-Trichlorophenol	13.00	196	290010	22.51	ng/ul	97
40) 1,1'-Biphenyl	13.33	154	994601	21.90	ng/ul	98
41) 2-Chloronaphthalene	13.38	162	778295	21.90	ng/ul	98
42) 2-Nitroaniline	13.59	65	200527	22.23	ng/ul	89
44) Dimethylphthalate	13.96	163	950017	20.06	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	187630	21.01	ng/ul	89
47) Acenaphthylene	14.23	152	1202048	21.43	ng/ul	99
48) 3-Nitroaniline	14.41	138	156765	18.90	ng/ul	90
49) Acenaphthene	14.56	153	803408	20.70	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	96005	16.27	ng/ul	93
52) 4-Nitrophenol	14.72	109	120359	17.51	ng/ul#	79
53) Dibenzofuran	14.90	168	1142688	20.28	ng/ul	99
54) 2,4-Dinitrotoluene	14.87	165	260138	19.70	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.13	232	249652	19.84	ng/ul	91
56) Diethylphthalate	15.32	149	933221	19.41	ng/ul	95
58) Fluorene	15.55	166	911868	19.38	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.54	204	489097	19.66	ng/ul	97
60) 4-Nitroaniline	15.57	138	165453m	17.12	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.63	198	158263	19.64	ng/ul#	89
64) N-Nitrosodiphenylamine	15.75	169	770884	22.77	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	293342	22.34	ng/ul	97
66) Hexachlorobenzene	16.55	284	322570	21.98	ng/ul#	91
67) Atrazine	16.70	200	280583	20.93	ng/ul	95
68) Pentachlorophenol	16.90	266	182817	19.80	ng/ul	99
69) Phenanthrene	17.29	178	1334805	20.71	ng/ul	99
71) Anthracene	17.38	178	1381156	21.06	ng/ul	99
72) Carbazole	17.65	167	1123273	19.77	ng/ul	99
73) Di-n-butylphthalate	18.20	149	1471809	21.62	ng/ul#	98
74) Fluoranthene	19.30	202	1510466	19.20	ng/ul#	90
77) Pyrene	19.66	202	1571722	24.14	ng/ul#	89
78) Butylbenzylphthalate	20.55	149	654224	25.65	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	464292	21.24	ng/ul#	94
80) Benzo(a)anthracene	21.40	228	1485433	22.08	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	941519	24.81	ng/ul#	97
82) Chrysene	21.46	228	1406263	22.00	ng/ul	100
84) Di-n-octyl phthalate	22.21	149	1617583	21.96	ng/ul	99
85) Benzo(b)fluoranthene	23.04	252	1515413	19.77	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	1508204	19.71	ng/ul#	97
88) Benzo(a)pyrene	23.64	252	1504955	20.44	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.11	276	1847602	23.45	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.12	278	1542562	23.82	ng/ul#	95
91) Benzo(g,h,i)perylene	26.84	276	1567201	24.04	ng/ul#	94

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

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