Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013920.D
Acq On : 28 Jan 2018 13:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
Sohil
1/29/2018 6:07:48 PM

Quant Time: Jan 29 02:31:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jan 28 02:49:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	92400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	352264	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	218622	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	501465	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	599890	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	608533	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	15547	6.65	ng/uL	0.00
5) Phenol-d5	6.76	99	125477	17.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	76665	17.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	108210	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	98076	17.99	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	52055	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	56902	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	114479	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	110347	22.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	331475	18.40	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	429279	18.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	41239	14.08	ng/ul	0.00
57) Fluorene-d10	15.23	176	304021	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	49425	16.37	ng/ul	0.00
70) Anthracene-d10	17.09	188	494305m	20.24	ng/ul	0.00
76) Pyrene-d10	19.39	212	567334	20.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	551219	19.71	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	16433	6.417	ng/uL#	65
4) Benzaldehyde	6.74	77	90807	18.498	ng/ul	92
6) Phenol	6.79	94	124213	17.459	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	97065	17.435	ng/ul	98
10) 2-Chlorophenol	7.15	128	104330	18.111	ng/ul	97
11) 2-Methylphenol	8.03	108	92433	17.624	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	90294	15.939	ng/ul#	72
14) Acetophenone	8.40	105	162128	17.967	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.39	70	81757	18.571	ng/ul#	71
16) 4-Methylphenol	8.36	108	101343	18.072	ng/ul	90
17) Hexachloroethane	8.63	117	55210	19.689	ng/ul#	70
20) Nitrobenzene	8.77	77	137242	19.436	ng/ul	99
21) Isophorone	9.30	82	209689	18.379	ng/ul#	95
23) 2-Nitrophenol	9.48	139	53743	17.854	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	128999	20.327	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.78	93	127981	18.401	ng/ul	95
27) 2,4-Dichlorophenol	10.02	162	104846	19.498	ng/ul	88
28) Naphthalene	10.40	128	339944	19.398	ng/ul	99
30) 4-Chloroaniline	10.53	127	108896	22.686	ng/ul	89
31) Hexachlorobutadiene	10.68	225	96133	21.780	ng/ul	96
32) Caprolactam	11.30	113	26894m	17.978	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	101359	18.594	ng/ul	95
34) 2-Methylnaphthalene	12.03	142	251613	19.257	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	159176	19.650	ng/ul#	97
37) Hexachlorocyclopentadiene	12.37	237	46966	13.965	ng/ul	90
38) 2,4,6-Trichlorophenol	12.66	196	95400	20.345	ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	94665	19.402	ng/ul	93
40) 1,1'-Biphenyl	13.06	154	344377	18.924	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	275772	19.386	ng/ul	98
42) 2-Nitroaniline	13.32	65	72511	18.478	ng/ul	92
44) Dimethylphthalate	13.70	163	329018	18.572	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	64744	18.859	ng/ul#	91
47) Acenaphthylene	13.95	152	392528	18.671	ng/ul	98
48) 3-Nitroaniline	14.16	138	53198	19.703	ng/ul	94
49) Acenaphthene	14.29	153	266186	18.282	ng/ul	95
50) 2,4-Dinitrophenol	14.39	184	41019	20.843	ng/ul	93
52) 4-Nitrophenol	14.49	109	51353	17.264	ng/ul#	75
53) Dibenzofuran	14.63	168	415225	18.957	ng/ul	96
54) 2,4-Dinitrotoluene	14.63	165	96691	19.321	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	14.87	232	86614	18.873	ng/ul#	88
56) Diethylphthalate	15.07	149	328966	18.451	ng/ul	93
58) Fluorene	15.29	166	336575	18.759	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	185863	19.171	ng/ul	96
60) 4-Nitroaniline	15.33	138	56529	17.894	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.39	198	51175	16.062	ng/ul#	97
64) N-Nitrosodiphenylamine	15.50	169	282421	19.149	ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	120757	20.389	ng/ul	97
66) Hexachlorobenzene	16.29	284	127325	19.971	ng/ul#	93
67) Atrazine	16.47	200	113835	19.339	ng/ul	98
68) Pentachlorophenol	16.64	266	59152	17.460	ng/ul	97
69) Phenanthrene	17.03	178	548422	19.675	ng/ul	98
71) Anthracene	17.12	178	556865	19.369	ng/ul	99
72) Carbazole	17.40	167	455357	19.187	ng/ul	98
73) Di-n-butylphthalate	17.96	149	552506	19.795	ng/ul	100
74) Fluoranthene	19.06	202	648880	19.502	ng/ul#	97
77) Pyrene	19.42	202	700937	19.220	ng/ul#	98
78) Butylbenzylphthalate	20.33	149	248482	19.342	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.12	252	213781	21.542	ng/ul	93
80) Benzo(a)anthracene	21.17	228	717123	19.784	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.11	149	370706	19.233	ng/ul#	98
82) Chrysene	21.23	228	651718	19.598	ng/ul	97
84) Di-n-octyl phthalate	21.97	149	621481	16.946	ng/ul	97
85) Benzo(b)fluoranthene	22.72	252	732096m	19.590	ng/ul	
86) Benzo(k)fluoranthene	22.77	252	702003	19.434	ng/ul	99
88) Benzo(a)pyrene	23.28	252	687305	19.468	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.55	276	791730	18.998	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.56	278	696755	19.799	ng/ul#	97
91) Benzo(g,h,i)perylene	26.23	276	674088	19.653	ng/ul	98

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

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