Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013633.D
Acq On : 18 Jan 2018 10:31
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Manual Integrations APPROVED
Sohil
1/19/2018 9:49:32 AM

Quant Time: Jan 19 00:53:45 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	134895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	570055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	376321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	915377	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1086574	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	962535	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	21975m	6.44	ng/uL	0.00
5) Phenol-d5	6.80	99	204453	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	119709	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	167155	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	165520	20.79	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	86608	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	90666	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	179249	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	195258	24.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	608675	19.63	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	739062	18.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	92042	18.26	ng/ul	0.00
57) Fluorene-d10	15.27	176	543166	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	100111	18.17	ng/ul	0.00
70) Anthracene-d10	17.12	188	892053	20.01	ng/ul	0.00
76) Pyrene-d10	19.42	212	1043895	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	909518	20.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	23669m	6.331	ng/uL	
4) Benzaldehyde	6.77	77	147628	20.599	ng/ul	87
6) Phenol	6.83	94	199882	19.244	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.05	93	152353	18.745	ng/ul	98
10) 2-Chlorophenol	7.18	128	165933	19.730	ng/ul	98
11) 2-Methylphenol	8.06	108	155484	20.307	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.15	45	155751	18.833	ng/ul#	72
14) Acetophenone	8.44	105	268224	20.360	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.42	70	131576	20.472	ng/ul#	71
16) 4-Methylphenol	8.39	108	169978	20.763	ng/ul	95
17) Hexachloroethane	8.67	117	79024	19.304	ng/ul#	68
20) Nitrobenzene	8.82	77	216631	18.958	ng/ul	91
21) Isophorone	9.33	82	358584	19.422	ng/ul	97
23) 2-Nitrophenol	9.52	139	96305	19.771	ng/ul	86
24) 2,4-Dimethylphenol	9.59	107	204550	19.918	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.82	93	214560	19.063	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	179326	20.608	ng/ul	90
28) Naphthalene	10.44	128	571685	20.158	ng/ul	98
30) 4-Chloroaniline	10.56	127	192988	24.844	ng/ul	97
31) Hexachlorobutadiene	10.72	225	131133	18.359	ng/ul#	87
32) Caprolactam	11.34	113	55027m	22.731	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	189151	21.443	ng/ul	91
34) 2-Methylnaphthalene	12.06	142	431232	20.395	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	248046	17.789	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	79411	13.718	ng/ul	98
38) 2,4,6-Trichlorophenol	12.69	196	159224	19.727	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	166297	19.800	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	585529	18.692	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	459784	18.777	ng/ul	99
42) 2-Nitroaniline	13.35	65	129394	19.156	ng/ul	87
44) Dimethylphthalate	13.73	163	587336	19.260	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	113332	19.178	ng/ul	98
47) Acenaphthylene	13.99	152	687990	19.012	ng/ul	98
48) 3-Nitroaniline	14.19	138	99789	21.471	ng/ul#	96
49) Acenaphthene	14.33	153	483646	19.298	ng/ul	100
50) 2,4-Dinitrophenol	14.40	184	56349	16.634	ng/ul	92
52) 4-Nitrophenol	14.51	109	98558	19.248	ng/ul#	74
53) Dibenzofuran	14.67	168	709757	18.825	ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	180204	20.919	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	156331	19.790	ng/ul#	88
56) Diethylphthalate	15.10	149	601418	19.597	ng/ul#	93
58) Fluorene	15.32	166	595372	19.277	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	319772	19.161	ng/ul	99
60) 4-Nitroaniline	15.36	138	108018	19.864	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.42	198	104067	17.894	ng/ul#	94
64) N-Nitrosodiphenylamine	15.54	169	516279	19.177	ng/ul	97
65) 4-Bromophenyl-phenylether	16.22	248	205539	19.011	ng/ul	99
66) Hexachlorobenzene	16.33	284	225369	19.365	ng/ul#	92
67) Atrazine	16.50	200	211505	19.684	ng/ul	97
68) Pentachlorophenol	16.67	266	115526	18.681	ng/ul	95
69) Phenanthrene	17.06	178	1015979	19.967	ng/ul	98
71) Anthracene	17.15	178	1042584	19.865	ng/ul	99
72) Carbazole	17.43	167	881685	20.352	ng/ul	98
73) Di-n-butylphthalate	18.00	149	1044755	20.505	ng/ul	99
74) Fluoranthene	19.09	202	1248385	20.554	ng/ul#	94
77) Pyrene	19.45	202	1334980	20.210	ng/ul#	94
78) Butylbenzylphthalate	20.36	149	484485	20.821	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.14	252	378163	21.038	ng/ul	96
80) Benzo(a)anthracene	21.20	228	1322985	20.150	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	720081	20.626	ng/ul	99
82) Chrysene	21.26	228	1163286	19.314	ng/ul	100
84) Di-n-octyl phthalate	22.01	149	1185809	20.442	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	1259956	21.315	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	1175098	20.567	ng/ul#	98
88) Benzo(a)pyrene	23.33	252	1127427	20.190	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.63	276	1170847	17.762	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.64	278	988873	17.765	ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	951343	17.536	ng/ul#	95

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

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