Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014490.D
Acq On : 06 Mar 2018 01:35
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
Sohil
3/6/2018 5:47:29 PM

Quant Time: Mar 06 04:01:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	92908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	366188	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	202431	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	441767	20.00	ng/ul	-0.01
75) Chrysene-d12	21.16	240	383129	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	352257	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	13242m	6.10	ng/uL	0.00
5) Phenol-d5	6.72	99	144445	18.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	89068	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	121363	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	112907	16.43	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	55252	20.42	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.39	143	61830	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	107657	18.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	124264	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	329324	19.70	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	417276	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	52326	22.67	ng/ul	0.00
57) Fluorene-d10	15.17	176	273478	18.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	38746	14.62	ng/ul	0.00
70) Anthracene-d10	17.03	188	414055	19.43	ng/ul	0.00
76) Pyrene-d10	19.35	212	427559	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	341298	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	15562	6.453	ng/uL#	61
4) Benzaldehyde	6.67	77	73859	23.070	ng/ul	99
6) Phenol	6.75	94	146023	17.721	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.95	93	114805	19.203	ng/ul	99
10) 2-Chlorophenol	7.08	128	122340	19.900	ng/ul	98
11) 2-Methylphenol	7.97	108	103348	16.398	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.03	45	116055	19.235	ng/ul#	82
14) Acetophenone	8.34	105	179886m	15.175	ng/ul	
15) N-Nitroso-di-n-propylamine	8.32	70	97419	16.400	ng/ul#	70
16) 4-Methylphenol	8.30	108	112850	16.431	ng/ul	95
17) Hexachloroethane	8.55	117	58141	18.155	ng/ul#	70
20) Nitrobenzene	8.71	77	157035	19.622	ng/ul	95
21) Isophorone	9.23	82	260113	19.001	ng/ul	95
23) 2-Nitrophenol	9.42	139	63108	20.803	ng/ul	93
24) 2,4-Dimethylphenol	9.49	107	139943	18.816	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.72	93	144028	19.974	ng/ul	93
27) 2,4-Dichlorophenol	9.96	162	102449	18.613	ng/ul	94
28) Naphthalene	10.33	128	356765	18.969	ng/ul	99
30) 4-Chloroaniline	10.47	127	119471	20.497	ng/ul	89
31) Hexachlorobutadiene	10.59	225	80507	18.435	ng/ul	94
32) Caprolactam	11.27	113	31893m	18.090	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	119056	17.901	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	252518	17.640	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	138397	21.298	ng/ul#	97
37) Hexachlorocyclopentadiene	12.29	237	48575	13.736	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.60	196	86739	21.395	ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	88255	21.302	ng/ul	97
40) 1,1'-Biphenyl	12.99	154	336465	21.577	ng/ul#	99
41) 2-Chloronaphthalene	13.03	162	264531	21.236	ng/ul	94
42) 2-Nitroaniline	13.27	65	90014	21.356	ng/ul	91
44) Dimethylphthalate	13.64	163	317108	19.237	ng/ul	99
45) 2,6-Dinitrotoluene	13.78	165	64975	20.746	ng/ul#	78
47) Acenaphthylene	13.89	152	393452	20.194	ng/ul	100
48) 3-Nitroaniline	14.13	138	55508	20.911	ng/ul	86
49) Acenaphthene	14.23	153	272260	19.845	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	17953m	10.658	ng/ul	
52) 4-Nitrophenol	14.50	109	49266	16.281	ng/ul#	49
53) Dibenzofuran	14.58	168	392227	19.066	ng/ul#	86
54) 2,4-Dinitrotoluene	14.59	165	97182	19.367	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	14.83	232	70651	16.863	ng/ul#	73
56) Diethylphthalate	15.02	149	329033	17.912	ng/ul	93
58) Fluorene	15.23	166	314568	17.713	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.23	204	169238	18.219	ng/ul	91
60) 4-Nitroaniline	15.30	138	51550	17.317	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.37	198	43086	15.974	ng/ul#	81
64) N-Nitrosodiphenylamine	15.46	169	259781	20.463	ng/ul	97
65) 4-Bromophenyl-phenylether	16.13	248	97873	19.855	ng/ul#	89
66) Hexachlorobenzene	16.24	284	105011	20.257	ng/ul#	81
67) Atrazine	16.42	200	97785	19.504	ng/ul	96
68) Pentachlorophenol	16.61	266	64023m	23.569	ng/ul	
69) Phenanthrene	16.98	178	486649	19.120	ng/ul	98
71) Anthracene	17.07	178	486792	19.017	ng/ul	98
72) Carbazole	17.36	167	407733	18.943	ng/ul#	96
73) Di-n-butylphthalate	17.91	149	536634	19.325	ng/ul	98
74) Fluoranthene	19.01	202	542730	17.847	ng/ul#	92
77) Pyrene	19.38	202	541416	21.264	ng/ul#	97
78) Butylbenzylphthalate	20.29	149	237892	22.597	ng/ul#	94
79) 3,3'-Dichlorobenzidine	21.08	252	148934	22.111	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	471224	19.707	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.06	149	321040	21.292	ng/ul#	96
82) Chrysene	21.19	228	448868	20.123	ng/ul	98
84) Di-n-octyl phthalate	21.93	149	503126	16.645	ng/ul#	88
85) Benzo(b)fluoranthene	22.69	252	416185	17.645	ng/ul	98
86) Benzo(k)fluoranthene	22.73	252	424603m	18.934	ng/ul	
88) Benzo(a)pyrene	23.24	252	412555	19.574	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	469005	22.931	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.51	278	397339	23.380	ng/ul#	95
91) Benzo(g,h,i)perylene	26.19	276	383140	23.125	ng/ul#	97

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

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