Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012200.D
Acq On : 15 Oct 2017 09:09
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
Sohil
10/16/2017 7:48:42 PM

Quant Time: Oct 16 01:52:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 06:19:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	165927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	744973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	489476	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1242120	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1401250	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1181350	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21848	6.26	ng/uL	0.00
5) Phenol-d5	6.98	99	249205	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	139969	17.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	218063	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	229023	19.76	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	108208	19.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	130815	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	261998	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	293674	24.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	829228	19.17	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1029251	19.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	123543	19.00	ng/ul	0.00
57) Fluorene-d10	15.46	176	723490	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	139378	16.35	ng/ul	0.00
70) Anthracene-d10	17.31	188	1195450	19.46	ng/ul	0.00
76) Pyrene-d10	19.60	212	1444218	20.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1132822	19.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	24155	6.780	ng/uL#	64
4) Benzaldehyde	6.96	77	166936	18.557	ng/ul	92
6) Phenol	7.00	94	256334	18.419	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.23	93	192760	18.175	ng/ul	99
10) 2-Chlorophenol	7.37	128	221363	18.993	ng/ul	95
11) 2-Methylphenol	8.26	108	202156	19.313	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	216163	16.052	ng/ul#	82
14) Acetophenone	8.64	105	344747	19.571	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.62	70	174280	18.460	ng/ul#	68
16) 4-Methylphenol	8.59	108	227022	19.682	ng/ul	90
17) Hexachloroethane	8.88	117	88707	18.038	ng/ul	94
20) Nitrobenzene	9.02	77	265432	18.792	ng/ul	92
21) Isophorone	9.55	82	483700	18.329	ng/ul#	93
23) 2-Nitrophenol	9.73	139	140757	19.759	ng/ul#	78
24) 2,4-Dimethylphenol	9.79	107	280587	19.544	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.02	93	282919	18.284	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	254343	20.358	ng/ul	89
28) Naphthalene	10.66	128	749418	19.444	ng/ul	100
30) 4-Chloroaniline	10.78	127	294469	25.228	ng/ul	95
31) Hexachlorobutadiene	10.93	225	191210	20.650	ng/ul	93
32) Caprolactam	11.57	113	80573m	20.429	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	266942	20.394	ng/ul	96
34) 2-Methylnaphthalene	12.27	142	586890	20.178	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.65	216	362668	20.411	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	112580	14.216	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	237439	20.155	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	250502	20.662	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	785236	19.008	ng/ul	100
41) 2-Chloronaphthalene	13.33	162	625880	19.309	ng/ul	98
42) 2-Nitroaniline	13.55	65	168835	18.720	ng/ul	89
44) Dimethylphthalate	13.92	163	826704	19.074	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	176081	20.467	ng/ul	87
47) Acenaphthylene	14.19	152	993290	19.316	ng/ul	99
48) 3-Nitroaniline	14.38	138	148983	22.258	ng/ul#	84
49) Acenaphthene	14.53	153	672461	19.414	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	143709	29.416	ng/ul	96
52) 4-Nitrophenol	14.70	109	108593	18.579	ng/ul#	81
53) Dibenzofuran	14.86	168	1005616	20.163	ng/ul	99
54) 2,4-Dinitrotoluene	14.84	165	265580	21.300	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.09	232	229827	20.714	ng/ul	92
56) Diethylphthalate	15.27	149	846877	18.076	ng/ul	95
58) Fluorene	15.51	166	838317	20.239	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	443912	20.401	ng/ul	98
60) 4-Nitroaniline	15.54	138	166976m	20.203	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.62	198	147643	16.406	ng/ul#	86
64) N-Nitrosodiphenylamine	15.72	169	715049	18.392	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	289331	19.459	ng/ul	97
66) Hexachlorobenzene	16.52	284	323230	19.189	ng/ul#	92
67) Atrazine	16.67	200	306255	18.839	ng/ul	94
68) Pentachlorophenol	16.86	266	164326	17.492	ng/ul	96
69) Phenanthrene	17.25	178	1367761	19.357	ng/ul	99
71) Anthracene	17.34	178	1415566	19.351	ng/ul	99
72) Carbazole	17.62	167	1187600	19.182	ng/ul	99
73) Di-n-butylphthalate	18.16	149	1501549	17.469	ng/ul#	98
74) Fluoranthene	19.27	202	1750174	20.524	ng/ul#	94
77) Pyrene	19.63	202	1842632	19.912	ng/ul#	94
78) Butylbenzylphthalate	20.52	149	738441	17.926	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.30	252	584489	20.959	ng/ul	95
80) Benzo(a)anthracene	21.37	228	1779915	19.521	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	1093078	17.684	ng/ul#	97
82) Chrysene	21.43	228	1596973	18.655	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1863493	21.576	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	1547474	20.073	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	1496634	20.145	ng/ul#	97
88) Benzo(a)pyrene	23.60	252	1436529	19.770	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	1479499	19.174	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.06	278	1249812	19.268	ng/ul#	95
91) Benzo(g,h,i)perylene	26.79	276	1189005	18.814	ng/ul#	96

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

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