Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011415\
Data File : BM000188.D
Acq On : 14 Jan 2015 15:28
Operator : TP/IZ
Sample : SSTD02029
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
LabSampleId :
SSTD02029

Quant Time: Jan 14 21:56:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 21:49:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	174538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	740953	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	516953	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1003470	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	900523	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	800552	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	22420	7.45	ng/uL	0.00
5) Phenol-d5	6.99	99	301741	20.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	198419	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	221715	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	240481	20.59	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	108654	21.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	116168	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	231212	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	298602	22.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	739044	19.38	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	936164	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	103785	16.73	ng/ul	0.00
57) Fluorene-d10	15.46	176	653565	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	98367	20.68	ng/ul	0.00
70) Anthracene-d10	17.30	188	959247	20.67	ng/ul	0.00
76) Pyrene-d10	19.60	212	958272	23.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	751355	20.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	31616	7.58	ng/uL	86
4) Benzaldehyde	6.97	77	220834	21.59	ng/ul	96
6) Phenol	7.02	94	318174	20.55	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.26	93	244356	20.33	ng/ul	97
10) 2-Chlorophenol	7.39	128	230294	20.44	ng/ul	97
11) 2-Methylphenol	8.26	108	242341	20.32	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.36	45	452679	22.92	ng/ul	98
14) Acetophenone	8.65	105	413565	20.15	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.63	70	217906	20.41	ng/ul#	87
16) 4-Methylphenol	8.59	108	264676	20.56	ng/ul	93
17) Hexachloroethane	8.91	117	106796	20.75	ng/ul	96
20) Nitrobenzene	9.03	77	339509	22.22	ng/ul	99
21) Isophorone	9.55	82	597746	20.30	ng/ul	98
23) 2-Nitrophenol	9.74	139	125391	21.71	ng/ul#	92
24) 2,4-Dimethylphenol	9.79	107	331123	21.12	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	333828	20.36	ng/ul	97
27) 2,4-Dichlorophenol	10.26	162	236059	20.47	ng/ul	97
28) Naphthalene	10.67	128	759099	20.09	ng/ul	98
30) 4-Chloroaniline	10.78	127	317738	23.55	ng/ul	98
31) Hexachlorobutadiene	10.96	225	179162	21.91	ng/ul	95
32) Caprolactam	11.53	113	65552	17.57	ng/ul	85
33) 4-Chloro-3-methylphenol	11.90	107	286749	20.27	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	574827	20.52	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	308062	21.49 ng/ul#	97
37) Hexachlorocyclopentadiene	12.63	237	197560	22.16 ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	185254	20.26 ng/ul	96
39) 2,4,5-Trichlorophenol	12.96	196	203824	20.53 ng/ul	97
40) 1,1'-Biphenyl	13.30	154	778800	20.90 ng/ul	99
41) 2-Chloronaphthalene	13.34	162	605344	21.20 ng/ul	99
42) 2-Nitroaniline	13.54	65	205586	21.12 ng/ul	96
44) Dimethylphthalate	13.92	163	747379	19.68 ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	145039	21.35 ng/ul#	81
47) Acenaphthylene	14.19	152	957652	19.88 ng/ul	99
48) 3-Nitroaniline	14.37	138	145997	20.25 ng/ul	94
49) Acenaphthene	14.53	153	620111	20.20 ng/ul	100
50) 2,4-Dinitrophenol	14.57	184	58644	17.70 ng/ul#	83
52) 4-Nitrophenol	14.67	109	156475	19.01 ng/ul	96
53) Dibenzofuran	14.86	168	881922	19.84 ng/ul	92
54) 2,4-Dinitrotoluene	14.83	165	210228	20.74 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.09	232	168027	19.62 ng/ul	100
56) Diethylphthalate	15.29	149	794490	19.91 ng/ul	98
58) Fluorene	15.51	166	727289	19.72 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	364920	20.06 ng/ul	98
60) 4-Nitroaniline	15.53	138	143509	17.77 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.59	198	104012	21.23 ng/ul#	91
64) N-Nitrosodiphenylamine	15.72	169	628477	21.60 ng/ul	97
65) 4-Bromophenyl-phenylether	16.40	248	219004	21.41 ng/ul#	86
66) Hexachlorobenzene	16.52	284	254600	21.60 ng/ul	98
67) Atrazine	16.67	200	224367	19.83 ng/ul	96
68) Pentachlorophenol	16.86	266	127212	17.92 ng/ul	97
69) Phenanthrene	17.25	178	1133499	20.87 ng/ul	100
71) Anthracene	17.34	178	1155579	20.69 ng/ul	100
72) Carbazole	17.61	167	995182	19.72 ng/ul	98
73) Di-n-butylphthalate	18.17	149	1202629	20.04 ng/ul#	98
74) Fluoranthene	19.27	202	1224247	19.28 ng/ul	98
77) Pyrene	19.63	202	1271882	23.43 ng/ul	98
78) Butylbenzylphthalate	20.53	149	472072	21.41 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.32	252	333795	21.03 ng/ul	99
80) Benzo(a)anthracene	21.38	228	1073300	20.65 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.30	149	645133	20.10 ng/ul	98
82) Chrysene	21.43	228	1017918	21.25 ng/ul	100
84) Di-n-octyl phthalate	22.20	149	1061775	20.43 ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	995744	19.49 ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	967445	22.18 ng/ul	97
88) Benzo(a)pyrene	23.59	252	937317	20.89 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	1068616	22.82 ng/ul	98
90) Dibenzo(a,h)anthracene	26.02	278	893426	22.66 ng/ul#	96
91) Benzo(g,h,i)perylene	26.73	276	896764	23.31 ng/ul	97

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

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