Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012015\
Data File : BM000289.D
Acq On : 21 Jan 2015 07:04
Operator : TP/IZ
Sample : SSTD02040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
LabSampleId :
SSTD02040

Quant Time: Jan 21 07:41:43 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 21 02:17:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	117623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	453674	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	296519	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	627339	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	711544	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	676791	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	20029	9.87	ng/uL	0.00
5) Phenol-d5	6.98	99	183227	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	126956	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	133319	18.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	141481	17.97	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	69899	22.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	66961	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	136243	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	174478	21.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	420136	19.21	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	532329	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	62709	17.62	ng/ul	0.00
57) Fluorene-d10	15.45	176	374287	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	50739	17.07	ng/ul	0.00
70) Anthracene-d10	17.30	188	592867	20.44	ng/ul	0.00
76) Pyrene-d10	19.59	212	641806	19.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	626065	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	26123	9.29	ng/uL#	94
4) Benzaldehyde	6.96	77	150460	21.83	ng/ul	99
6) Phenol	7.01	94	191299	18.33	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.25	93	156786	19.35	ng/ul	98
10) 2-Chlorophenol	7.38	128	140136	18.45	ng/ul	95
11) 2-Methylphenol	8.26	108	141787	17.65	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	276578	20.78	ng/ul	99
14) Acetophenone	8.64	105	261402	18.90	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	130219	18.10	ng/ul#	86
16) 4-Methylphenol	8.58	108	151089	17.41	ng/ul	99
17) Hexachloroethane	8.90	117	73683	21.24	ng/ul	94
20) Nitrobenzene	9.02	77	220801	23.61	ng/ul	99
21) Isophorone	9.53	82	358142	19.86	ng/ul	96
23) 2-Nitrophenol	9.72	139	74529	21.07	ng/ul	92
24) 2,4-Dimethylphenol	9.78	107	186789	19.46	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.02	93	197289	19.66	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	140381	19.88	ng/ul	97
28) Naphthalene	10.66	128	457714	19.79	ng/ul	98
30) 4-Chloroaniline	10.77	127	183378	22.20	ng/ul	97
31) Hexachlorobutadiene	10.95	225	105514	21.08	ng/ul	95
32) Caprolactam	11.52	113	36013	15.77	ng/ul	88
33) 4-Chloro-3-methylphenol	11.89	107	164138	18.95	ng/ul	96
34) 2-Methylnaphthalene	12.27	142	326811	19.05	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	180603	21.97 ng/ul#	96
37) Hexachlorocyclopentadiene	12.62	237	105701	20.67 ng/ul	95
38) 2,4,6-Trichlorophenol	12.88	196	102853	19.61 ng/ul	94
39) 2,4,5-Trichlorophenol	12.95	196	113690	19.96 ng/ul	98
40) 1,1'-Biphenyl	13.29	154	442515	20.71 ng/ul	97
41) 2-Chloronaphthalene	13.33	162	344870	21.05 ng/ul	99
42) 2-Nitroaniline	13.53	65	118917	21.30 ng/ul	96
44) Dimethylphthalate	13.91	163	426575	19.58 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	79769	20.48 ng/ul	89
47) Acenaphthylene	14.17	152	556057	20.13 ng/ul	99
48) 3-Nitroaniline	14.36	138	82650	19.98 ng/ul	98
49) Acenaphthene	14.52	153	360137	20.45 ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	31249	16.44 ng/ul#	83
52) 4-Nitrophenol	14.66	109	100362	21.26 ng/ul	89
53) Dibenzofuran	14.86	168	523487	20.53 ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	124143	21.35 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.08	232	98378	20.03 ng/ul	96
56) Diethylphthalate	15.27	149	444546	19.42 ng/ul	98
58) Fluorene	15.50	166	426304	20.15 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.50	204	217856	20.88 ng/ul	98
60) 4-Nitroaniline	15.52	138	86809	18.74 ng/ul	82
63) 4,6-Dinitro-2-methylphenol	15.58	198	55832	18.23 ng/ul#	95
64) N-Nitrosodiphenylamine	15.71	169	359405	19.75 ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	129835	20.31 ng/ul	94
66) Hexachlorobenzene	16.50	284	152700	20.72 ng/ul	97
67) Atrazine	16.66	200	128652	18.19 ng/ul	99
68) Pentachlorophenol	16.85	266	72648	16.37 ng/ul	93
69) Phenanthrene	17.24	178	692623	20.39 ng/ul	100
71) Anthracene	17.33	178	706029	20.22 ng/ul	97
72) Carbazole	17.60	167	623160	19.75 ng/ul	100
73) Di-n-butylphthalate	18.16	149	712712	19.00 ng/ul#	98
74) Fluoranthene	19.26	202	797709	20.10 ng/ul	99
77) Pyrene	19.62	202	865242	20.18 ng/ul	99
78) Butylbenzylphthalate	20.52	149	307885	17.67 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.30	252	222731	17.76 ng/ul	99
80) Benzo(a)anthracene	21.37	228	817885	19.91 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	463390	18.27 ng/ul	99
82) Chrysene	21.42	228	792437	20.93 ng/ul	98
84) Di-n-octyl phthalate	22.19	149	801746	18.25 ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	814719	18.86 ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	815149	22.11 ng/ul	99
88) Benzo(a)pyrene	23.57	252	791612	20.87 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.99	276	890094	22.49 ng/ul	97
90) Dibenzo(a,h)anthracene	26.00	278	747781	22.44 ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	754102	23.19 ng/ul	99

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

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