Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000555.D
Acq On : 20 Feb 2015 12:00
Operator : TP/IZ
Sample : SSTD01021
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01021

Quant Time: Feb 21 00:23:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 23:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	110544	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	474849	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.33	164	328976	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	758766	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	625793	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	427734	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.85	99	71277	7.16	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	43443	7.37	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	60078	7.97	ng/ul	0.00
11) 4-Methylphenol-d8	8.39	113	60983	8.03	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	28075	8.47	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	33214	10.34	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.09	165	70556	10.20	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	57221	7.65	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	225989	10.16	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	296816	9.55	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	34565	7.91	ng/ul	0.00
55) Fluorene-d10	15.32	176	225618	10.13	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	38067	11.33	ng/ul	0.00
68) Anthracene-d10	17.17	188	336381	9.40	ng/ul	0.00
76) Pyrene-d10	19.47	212	345205	11.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	188519	9.75	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.82	77	42580	6.83	ng/ul	98
4) Phenol	6.87	94	71594	6.87	ng/ul	97
6) Bis(2-Chloroethyl)ether	7.10	93	58365	7.12	ng/ul	97
8) 2-Chlorophenol	7.24	128	61784	8.16	ng/ul	93
9) 2-Methylphenol	8.12	108	58973	7.78	ng/ul	91
10) 2,2'-oxybis(1-Chloropropan	8.21	45	125567	10.91	ng/ul	99
12) Acetophenone	8.50	105	99714	8.63	ng/ul	97
13) N-Nitroso-di-n-propylamine	8.48	70	47361	7.44	ng/ul	97
14) 4-Methylphenol	8.45	108	65575	7.82	ng/ul	90
15) Hexachloroethane	8.75	117	27113	8.90	ng/ul	96
18) Nitrobenzene	8.87	77	74541	9.44	ng/ul	93
19) Isophorone	9.40	82	126963	7.69	ng/ul	98
21) 2-Nitrophenol	9.58	139	35304	9.89	ng/ul	96
22) 2,4-Dimethylphenol	9.65	107	82755	9.78	ng/ul	98
23) Bis(2-Chloroethoxy)methane	9.88	93	82094	8.00	ng/ul	99
25) 2,4-Dichlorophenol	10.11	162	69258	10.27	ng/ul	96
26) Naphthalene	10.51	128	231258	9.28	ng/ul	100
28) 4-Chloroaniline	10.63	127	56070	7.72	ng/ul	97
29) Hexachlorobutadiene	10.80	225	50141	12.56	ng/ul	95
30) Caprolactam	11.40	113	16154	5.75	ng/ul	95
31) 4-Chloro-3-methylphenol	11.76	107	74950	9.83	ng/ul	100
32) 2-Methylnaphthalene	12.13	142	172685	9.72	ng/ul	96
34) 1,2,4,5-Tetrachlorobenzene	12.50	216	95400	10.48	ng/ul	98
35) Hexachlorocyclopentadiene	12.48	237	54784	12.63	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.75	196	58972	11.02	ng/ul	99
37) 2,4,5-Trichlorophenol	12.82	196	63790	10.83	ng/ul	99
38) 1,1'-Biphenyl	13.15	154	244247	9.60	ng/ul	99
39) 2-Chloronaphthalene	13.19	162	188583	9.81	ng/ul	99
40) 2-Nitroaniline	13.41	65	44829	8.94	ng/ul	90
42) Dimethylphthalate	13.79	163	242033	10.43	ng/ul	99
43) 2,6-Dinitrotoluene	13.91	165	41548	10.04	ng/ul	94
45) Acenaphthylene	14.05	152	306432	9.38	ng/ul	99
46) 3-Nitroaniline	14.24	138	31434	7.33	ng/ul	99
47) Acenaphthene	14.39	153	203151	9.37	ng/ul	96
48) 2,4-Dinitrophenol	14.45	184	19735	11.22	ng/ul	92
50) 4-Nitrophenol	14.55	109	38591	12.94	ng/ul	89
51) Dibenzofuran	14.73	168	302225	10.21	ng/ul	96
52) 2,4-Dinitrotoluene	14.70	165	67323	11.32	ng/ul	98
53) 2,3,4,6-Tetrachlorophenol	14.96	232	56081	11.53	ng/ul	99
54) Diethylphthalate	15.16	149	236881	10.05	ng/ul	98
56) Fluorene	15.37	166	247772	9.72	ng/ul	99
57) 4-Chlorophenyl-phenylether	15.37	204	131085	11.08	ng/ul	98
58) 4-Nitroaniline	15.40	138	41452	7.26	ng/ul	97
61) 4,6-Dinitro-2-methylphenol	15.46	198	40673	11.55	ng/ul#	99
62) N-Nitrosodiphenylamine	15.59	169	211183	9.07	ng/ul	94
63) 4-Bromophenyl-phenylether	16.27	248	70961	9.13	ng/ul	95
64) Hexachlorobenzene	16.38	284	82056	9.33	ng/ul	96
65) Atrazine	16.54	200	70476	9.25	ng/ul	100
66) Pentachlorophenol	16.73	266	41929	10.26	ng/ul	91
67) Phenanthrene	17.12	178	394996	9.49	ng/ul	99
69) Anthracene	17.20	178	398376	9.39	ng/ul	98
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	97459	9.97	ng/uL	97
71) Pentachlorobenzene	14.65	250	95944	10.04	ng/uL	98
72) Carbazole	17.47	167	334089	8.50	ng/ul	100
73) Di-n-butylphthalate	18.04	149	361771	8.61	ng/ul	99
74) Fluoranthene	19.13	202	424955	9.39	ng/ul	98
77) Pyrene	19.50	202	445798	11.25	ng/ul	99
78) Butylbenzylphthalate	20.40	149	133457	9.02	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.19	252	73146	8.55	ng/ul	95
80) Benzo(a)anthracene	21.24	228	335650	9.65	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	175658	9.09	ng/ul	99
82) Chrysene	21.30	228	322233	9.73	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	253432	10.85	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	259975	10.73	ng/ul	99
86) Benzo(k)fluoranthene	22.85	252	243437	10.12	ng/ul	99
88) Benzo(a)pyrene	23.38	252	228186	9.66	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.70	276	220164	8.21	ng/ul	96
90) Dibenzo(a,h)anthracene	25.71	278	184452	8.24	ng/ul	97
91) Benzo(g,h,i)perylene	26.39	276	188021	8.38	ng/ul	98

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

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