Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005597.D
Acq On : 22 May 2016 21:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: May 23 05:34:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	57929	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	292024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	191452	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	481400	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	636400	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	738576	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	8928	6.75	ng/uL	0.00
5) Phenol-d5	6.98	99	108839	22.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	60921	22.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	83891	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	91398	23.49	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	42987	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	47476	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	91938	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	109162	23.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	309083	19.78	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	382738	19.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	63201	21.38	ng/ul	0.00
57) Fluorene-d10	15.43	176	278959	20.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	47597	17.19	ng/ul	0.00
70) Anthracene-d10	17.28	188	448884	19.57	ng/ul	0.00
76) Pyrene-d10	19.57	212	537018	18.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	668978	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	15102	6.47	ng/uL	93
4) Benzaldehyde	6.96	77	46238	15.00	ng/ul	99
6) Phenol	7.00	94	111961	22.89	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.23	93	81758	22.12	ng/ul	97
10) 2-Chlorophenol	7.37	128	83261	20.95	ng/ul	99
11) 2-Methylphenol	8.25	108	86605	23.36	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	109918	22.28	ng/ul	99
14) Acetophenone	8.63	105	142495	24.32	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	73822	23.86	ng/ul	97
16) 4-Methylphenol	8.58	108	98282	24.41	ng/ul	95
17) Hexachloroethane	8.89	117	30826	19.38	ng/ul	96
20) Nitrobenzene	9.01	77	103323	19.10	ng/ul	99
21) Isophorone	9.53	82	209839	20.75	ng/ul	100
23) 2-Nitrophenol	9.72	139	51391	19.44	ng/ul	91
24) 2,4-Dimethylphenol	9.77	107	109434	20.03	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	123476	20.73	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	91817	20.12	ng/ul	97
28) Naphthalene	10.65	128	289767	19.75	ng/ul	99
30) 4-Chloroaniline	10.76	127	111387	23.45	ng/ul	98
31) Hexachlorobutadiene	10.93	225	52366	17.17	ng/ul	98
32) Caprolactam	11.52	113	36007	23.64	ng/ul	97
33) 4-Chloro-3-methylphenol	11.89	107	110142	22.03	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	223873	20.86	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	115840	17.71	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	52162	12.70	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	81339	19.08	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	90650	19.31	ng/ul	96
40) 1,1'-Biphenyl	13.27	154	302651	18.83	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	234055	18.90	ng/ul	99
42) 2-Nitroaniline	13.52	65	73109	19.61	ng/ul	98
44) Dimethylphthalate	13.90	163	311467	20.17	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	61823	19.80	ng/ul	100
47) Acenaphthylene	14.16	152	387158	19.50	ng/ul	100
48) 3-Nitroaniline	14.35	138	60456	20.90	ng/ul	98
49) Acenaphthene	14.50	153	256578	19.60	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	27718	15.86	ng/ul	92
52) 4-Nitrophenol	14.66	109	54936	18.50	ng/ul	86
53) Dibenzofuran	14.84	168	369575	19.77	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	96693	21.22	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.07	232	79831	19.46	ng/ul	95
56) Diethylphthalate	15.26	149	328892	20.88	ng/ul	98
58) Fluorene	15.49	166	308695	20.64	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	149557	20.01	ng/ul	95
60) 4-Nitroaniline	15.51	138	71755	20.34	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.57	198	50424	17.34	ng/ul#	94
64) N-Nitrosodiphenylamine	15.70	169	275823	18.88	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	97450	18.17	ng/ul	98
66) Hexachlorobenzene	16.49	284	115979	18.98	ng/ul	96
67) Atrazine	16.64	200	106971	19.57	ng/ul	97
68) Pentachlorophenol	16.83	266	58299	15.90	ng/ul	99
69) Phenanthrene	17.23	178	526022	19.55	ng/ul	99
71) Anthracene	17.32	178	540017	19.69	ng/ul	99
72) Carbazole	17.59	167	516816	21.72	ng/ul	99
73) Di-n-butylphthalate	18.15	149	601624	20.83	ng/ul	99
74) Fluoranthene	19.24	202	657181	21.70	ng/ul	98
77) Pyrene	19.60	202	684751	18.72	ng/ul	99
78) Butylbenzylphthalate	20.50	149	315019	20.43	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.28	252	229613	19.90	ng/ul	99
80) Benzo(a)anthracene	21.34	228	735054	19.65	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	449403	20.64	ng/ul	99
82) Chrysene	21.40	228	698669	19.63	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	838548	19.80	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	856727	19.67	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	764906	18.55	ng/ul	98
88) Benzo(a)pyrene	23.54	252	822604	19.47	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	1051883	20.96	ng/ul	97
90) Dibenzo(a,h)anthracene	25.95	278	880710	21.07	ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	890170	21.09	ng/ul	98

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

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