Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008802.D
Acq On : 23 Jan 2017 13:40
Operator : UM/SJ
Sample : SSTD01036
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01036

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:02 PM

Quant Time: Jan 23 15:47:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 15:32:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	102242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	446248	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	390326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	939384	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	1212400	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	1033222	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	7961	3.60	ng/uL	0.01
5) Phenol-d5	7.09	99	78214	9.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	67740	11.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	53741	9.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	62739	9.63	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	27060	9.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	32763	10.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	68884	10.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	82385	10.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	241955	9.40	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	283723	9.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	39444	9.37	ng/ul	0.00
57) Fluorene-d10	15.56	176	227806	9.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	48178	9.95	ng/ul	0.00
70) Anthracene-d10	17.42	188	387253	9.57	ng/ul	0.00
76) Pyrene-d10	19.70	212	488252	9.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	405428	9.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	10343	3.93	ng/uL#	52
4) Benzaldehyde	7.09	77	82778	13.53	ng/ul#	78
6) Phenol	7.12	94	90010	9.97	ng/ul#	45
8) Bis(2-Chloroethyl)ether	7.36	93	68754	10.39	ng/ul#	76
10) 2-Chlorophenol	7.50	128	54318	9.06	ng/ul#	70
11) 2-Methylphenol	8.37	108	61961	9.34	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.47	45	127676	12.47	ng/ul#	94
14) Acetophenone	8.76	105	117061	10.23	ng/ul#	57
15) N-Nitroso-di-n-propylamine	8.75	70	81605	12.56	ng/ul#	67
16) 4-Methylphenol	8.70	108	68850	9.61	ng/ul	95
17) Hexachloroethane	9.02	117	34707	10.93	ng/ul#	78
20) Nitrobenzene	9.15	77	118835	12.15	ng/ul#	82
21) Isophorone	9.67	82	194694	11.26	ng/ul#	91
23) 2-Nitrophenol	9.86	139	35346	11.04	ng/ul#	30
24) 2,4-Dimethylphenol	9.90	107	96540	10.65	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.15	93	95877	10.48	ng/ul#	98
27) 2,4-Dichlorophenol	10.38	162	64490	9.45	ng/ul#	86
28) Naphthalene	10.79	128	195896	9.61	ng/ul	98
30) 4-Chloroaniline	10.91	127	81730	10.45	ng/ul#	83
31) Hexachlorobutadiene	11.07	225	67049	10.96	ng/ul	87
32) Caprolactam	11.69	113	19471m	9.32	ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	85898	10.48	ng/ul#	79
34) 2-Methylnaphthalene	12.40	142	155797	9.85	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	114356	9.78	ng/ul#	92
37) Hexachlorocyclopentadiene	12.74	237	83247	10.01	ng/ul	93
38) 2,4,6-Trichlorophenol	13.00	196	65838	9.32	ng/ul	95
39) 2,4,5-Trichlorophenol	13.07	196	72895	9.57	ng/ul	91
40) 1,1'-Biphenyl	13.41	154	224528	9.17	ng/ul	97
41) 2-Chloronaphthalene	13.45	162	179977	9.37	ng/ul	95
42) 2-Nitroaniline	13.66	65	87590	13.10	ng/ul#	66
44) Dimethylphthalate	14.03	163	247027	9.59	ng/ul	98
45) 2,6-Dinitrotoluene	14.15	165	45058	10.03	ng/ul#	58
47) Acenaphthylene	14.30	152	273110	9.17	ng/ul	99
48) 3-Nitroaniline	14.48	138	46009	10.11	ng/ul#	65
49) Acenaphthene	14.64	153	191185	9.28	ng/ul	92
50) 2,4-Dinitrophenol	14.68	184	28390	9.10	ng/ul#	55
52) 4-Nitrophenol	14.77	109	84314	12.03	ng/ul#	66
53) Dibenzofuran	14.97	168	301140	9.61	ng/ul	88
54) 2,4-Dinitrotoluene	14.93	165	69515	10.21	ng/ul#	59
55) 2,3,4,6-Tetrachlorophenol	15.19	232	71197	9.89	ng/ul#	89
56) Diethylphthalate	15.39	149	267285	9.87	ng/ul#	93
58) Fluorene	15.62	166	252237	9.82	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.62	204	147672	10.14	ng/ul	98
60) 4-Nitroaniline	15.64	138	49101	9.87	ng/ul#	6
63) 4,6-Dinitro-2-methylphenol	15.69	198	50490	9.86	ng/ul#	71
64) N-Nitrosodiphenylamine	15.83	169	227406	9.64	ng/ul	96
65) 4-Bromophenyl-phenylether	16.51	248	95069	9.77	ng/ul#	88
66) Hexachlorobenzene	16.62	284	106714	9.80	ng/ul#	88
67) Atrazine	16.77	200	100428	9.59	ng/ul	97
68) Pentachlorophenol	16.96	266	65022	9.49	ng/ul	90
69) Phenanthrene	17.36	178	441390	9.76	ng/ul	95
71) Anthracene	17.45	178	449332	9.67	ng/ul	99
72) Carbazole	17.72	167	389950	9.43	ng/ul	98
73) Di-n-butylphthalate	18.27	149	475608	9.78	ng/ul#	96
74) Fluoranthene	19.37	202	577687	9.94	ng/ul#	94
77) Pyrene	19.73	202	592574	9.09	ng/ul#	93
78) Butylbenzylphthalate	20.62	149	217849	9.08	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.40	252	217656	9.42	ng/ul#	94
80) Benzo(a)anthracene	21.47	228	622315	9.68	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.39	149	303555	9.04	ng/ul	98
82) Chrysene	21.52	228	578255	9.69	ng/ul	100
84) Di-n-octyl phthalate	22.30	149	504177	9.37	ng/ul#	82
85) Benzo(b)fluoranthene	23.13	252	564568	10.25	ng/ul#	97
86) Benzo(k)fluoranthene	23.18	252	510158	9.58	ng/ul#	97
88) Benzo(a)pyrene	23.74	252	507761	9.66	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	512337	8.60	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.28	278	439496	8.63	ng/ul#	96
91) Benzo(g,h,i)perylene	27.01	276	414203	8.20	ng/ul#	90

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

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