Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008288.D
Acq On : 14 Dec 2016 01:10
Operator : UM/SJ
Sample : SSTD01044
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01044

Manual Integrations APPROVED
Sohil
12/14/2016 6:57:49 PM

Quant Time: Dec 14 05:04:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 04:50:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	141035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	580513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	406838	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	867992	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1160864	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1172659	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	11956	3.99	ng/uL	0.00
5) Phenol-d5	6.86	99	103204	9.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	60689	9.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	79695	9.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	79193	9.34	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	39557	9.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	42165	9.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	80536	9.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	89825	9.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	263069	9.74	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	300320	9.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	28790	7.13	ng/ul	0.00
57) Fluorene-d10	15.31	176	226930	9.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	39367	7.72	ng/ul	0.00
70) Anthracene-d10	17.17	188	355348	9.37	ng/ul	0.00
76) Pyrene-d10	19.47	212	424255	9.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	459628	9.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	13940	3.89	ng/uL#	92
4) Benzaldehyde	6.84	77	78030	10.74	ng/ul	92
6) Phenol	6.89	94	107377	9.52	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.11	93	82588	9.72	ng/ul	94
10) 2-Chlorophenol	7.25	128	80778	9.77	ng/ul	95
11) 2-Methylphenol	8.13	108	78201	9.47	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	96635	9.99	ng/ul	98
14) Acetophenone	8.50	105	135362	9.84	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.48	70	70071	9.92	ng/ul	98
16) 4-Methylphenol	8.46	108	84902	9.53	ng/ul	95
17) Hexachloroethane	8.73	117	37175	9.77	ng/ul	96
20) Nitrobenzene	8.88	77	101022	9.28	ng/ul	96
21) Isophorone	9.39	82	189703	9.73	ng/ul	98
23) 2-Nitrophenol	9.59	139	43122	9.03	ng/ul	98
24) 2,4-Dimethylphenol	9.65	107	101835	9.54	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	107075	9.47	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	81858	9.46	ng/ul	95
28) Naphthalene	10.50	128	260617	9.46	ng/ul	100
30) 4-Chloroaniline	10.63	127	91401	9.25	ng/ul	100
31) Hexachlorobutadiene	10.77	225	66558	9.56	ng/ul	96
32) Caprolactam	11.43	113	23719m	8.88	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	88474	9.47	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	189579	9.54	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	119810	9.39	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	28590	5.81	ng/ul	97
38) 2,4,6-Trichlorophenol	12.75	196	67211	9.16	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	74581	9.57	ng/ul	96
40) 1,1'-Biphenyl	13.14	154	254058	9.41	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	195530	9.40	ng/ul	97
42) 2-Nitroaniline	13.42	65	57111	9.15	ng/ul	94
44) Dimethylphthalate	13.78	163	259507	9.83	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	47426	9.20	ng/ul	98
47) Acenaphthylene	14.03	152	307672	9.42	ng/ul	96
48) 3-Nitroaniline	14.26	138	47379	9.37	ng/ul#	99
49) Acenaphthene	14.37	153	212364	9.47	ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	19657	6.62	ng/ul	91
52) 4-Nitrophenol	14.58	109	27135	6.73	ng/ul	95
53) Dibenzofuran	14.72	168	310792	9.57	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	71498	9.26	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.96	232	68747	9.29	ng/ul	96
56) Diethylphthalate	15.14	149	256039	9.67	ng/ul	98
58) Fluorene	15.37	166	257023	9.67	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	136851	9.61	ng/ul	99
60) 4-Nitroaniline	15.42	138	44932m	9.47	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.49	198	42138	7.98	ng/ul#	97
64) N-Nitrosodiphenylamine	15.58	169	221785	9.36	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	88805	9.20	ng/ul	98
66) Hexachlorobenzene	16.37	284	103361	9.58	ng/ul	98
67) Atrazine	16.54	200	87776	9.09	ng/ul	95
68) Pentachlorophenol	16.73	266	48189	8.18	ng/ul	97
69) Phenanthrene	17.11	178	424455	9.52	ng/ul	99
71) Anthracene	17.20	178	426191	9.44	ng/ul	99
72) Carbazole	17.49	167	363103	9.16	ng/ul	98
73) Di-n-butylphthalate	18.03	149	413464	9.13	ng/ul	100
74) Fluoranthene	19.13	202	516320	9.50	ng/ul	100
77) Pyrene	19.50	202	541947	9.42	ng/ul	100
78) Butylbenzylphthalate	20.40	149	187550	8.86	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	180710	9.02	ng/ul	99
80) Benzo(a)anthracene	21.24	228	574788	9.55	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	269690	8.70	ng/ul	99
82) Chrysene	21.30	228	557130	9.57	ng/ul	100
84) Di-n-octyl phthalate	22.04	149	481043	8.45	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	580874	9.25	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	580523	9.56	ng/ul	99
88) Benzo(a)pyrene	23.40	252	576140	9.46	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	689126	9.29	ng/ul	98
90) Dibenzo(a,h)anthracene	25.73	278	582431	9.33	ng/ul	100
91) Benzo(g,h,i)perylene	26.42	276	580978	9.42	ng/ul	97

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

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