Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
Data File : BM004314.D
Acq On : 22 Feb 2016 16:50
Operator : SJ/UM
Sample : SSTD04045
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04045

Manual Integrations APPROVED
Sohil
2/23/2016 5:22:18 PM

Quant Time: Feb 22 17:27:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 16:58:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	28527	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	137537	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	86956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	201309	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	213758	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	177984	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	9088	16.05	ng/uL	0.00
5) Phenol-d5	6.82	99	98442	42.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	49423	39.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	85123	41.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	88118	45.15	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	44541	42.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	50503	42.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	89960	42.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	118233	46.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	295977	40.90	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	352315	40.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	49341	42.15	ng/ul	0.00
58) Fluorene-d10	15.29	176	248371	40.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	52175	42.56	ng/ul	0.00
71) Anthracene-d10	17.14	188	388648	39.49	ng/ul	0.00
79) Pyrene-d10	19.45	212	426128	37.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	375501	39.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	9949	15.01	ng/uL	96
4) Benzaldehyde	6.77	77	61200	46.34	ng/ul	97
6) Phenol	6.85	94	105392	43.19	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	76635	41.15	ng/ul	96
10) 2-Chlorophenol	7.20	128	88624	41.95	ng/ul	97
11) 2-Methylphenol	8.09	108	86122	44.78	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	73703	40.58	ng/ul	97
14) Acetophenone	8.45	105	138401	44.49	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	65341	43.56	ng/ul	96
16) 4-Methylphenol	8.42	108	95195	45.28	ng/ul	99
17) Hexachloroethane	8.69	117	33087	39.33	ng/ul	94
20) Nitrobenzene	8.83	77	94506	39.26	ng/ul	97
21) Isophorone	9.35	82	192524	41.77	ng/ul	98
23) 2-Nitrophenol	9.54	139	56604	42.61	ng/ul	93
24) 2,4-Dimethylphenol	9.61	107	109174	40.95	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	114937	40.44	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	93433	42.14	ng/ul	100
28) Naphthalene	10.46	128	304313	39.78	ng/ul	100
30) 4-Chloroaniline	10.59	127	125180	46.49	ng/ul	99
31) Hexachlorobutadiene	10.74	225	57100	38.24	ng/ul	99
32) Caprolactam	11.36	113	32458m	50.66	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	108221	44.01	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	227173	41.16	ng/ul	100

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35) 1-Methylnaphthalene	12.31	142	215604	41.33	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	117233	38.51	ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	47559	33.06	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	77794	40.42	ng/ul	98
40) 2,4,5-Trichlorophenol	12.80	196	84766	40.89	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	297067	38.21	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	228292	38.62	ng/ul	99
43) 2-Nitroaniline	13.38	65	61942	42.97	ng/ul	94
45) Dimethylphthalate	13.75	163	307623	40.70	ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	66061	44.30	ng/ul	97
48) Acenaphthylene	14.01	152	380841	39.67	ng/ul	99
49) 3-Nitroaniline	14.22	138	66748	47.21	ng/ul	97
50) Acenaphthene	14.35	153	256444	39.42	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	30122	41.83	ng/ul	96
53) 4-Nitrophenol	14.55	109	36642	39.14	ng/ul	94
54) Dibenzofuran	14.69	168	358150	39.84	ng/ul	97
55) 2,4-Dinitrotoluene	14.68	165	95848	44.71	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.93	232	70608	42.10	ng/ul	94
57) Diethylphthalate	15.12	149	316300	41.65	ng/ul	99
59) Fluorene	15.34	166	292442	40.37	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	143681	39.98	ng/ul	94
61) 4-Nitroaniline	15.39	138	69701	44.21	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.45	198	56348	42.20	ng/ul	93
65) N-Nitrosodiphenylamine	15.56	169	257216	37.87	ng/ul	98
66) 4-Bromophenyl-phenylether	16.23	248	88896	38.13	ng/ul	93
67) Hexachlorobenzene	16.36	284	97554	37.22	ng/ul	94
68) Atrazine	16.52	200	97236	41.49	ng/ul	97
69) Pentachlorophenol	16.71	266	39737	32.74	ng/ul	99
70) Phenanthrene	17.09	178	473731	38.91	ng/ul	99
72) Anthracene	17.18	178	482549	39.04	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	110317	35.24	ng/uL	100
74) Pentachlorobenzene	14.62	250	111256	36.17	ng/uL	99
75) Carbazole	17.46	167	434592	41.82	ng/ul	99
76) Di-n-butylphthalate	18.01	149	565215	42.01	ng/ul	99
77) Fluoranthene	19.12	202	552848	43.36	ng/ul	99
80) Pyrene	19.48	202	571637	36.98	ng/ul	100
81) Butylbenzylphthalate	20.38	149	255886	41.35	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.17	252	181452	42.08	ng/ul	98
83) Benzo(a)anthracene	21.24	228	545046	39.61	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	366705	40.50	ng/ul	98
85) Chrysene	21.29	228	519826	40.02	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	637435	46.95	ng/ul#	96
88) Benzo(b)fluoranthene	22.81	252	489679	41.59	ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	469395	41.74	ng/ul	100
91) Benzo(a)pyrene	23.39	252	450145	40.21	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.72	276	399229	31.48	ng/ul	100
93) Dibenzo(a,h)anthracene	25.72	278	329583	30.95	ng/ul	100
94) Benzo(g,h,i)perylene	26.40	276	328507	30.67	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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