Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008807.D
Acq On : 23 Jan 2017 16:41
Operator : UM/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV41

Quant Time: Jan 23 17:18:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 16:57:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	82847	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.75	136	354102	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.57	164	285961	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	658949	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	742450	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	594797	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	14974	8.93	ng/uL	0.00
5) Phenol-d5	7.09	99	146133	20.83	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.27	67	113118	20.28	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.47	132	95774	20.95	ng/ul	-0.01
13) 4-Methylphenol-d8	8.63	113	113261	20.61	ng/ul	-0.01
19) Nitrobenzene-d5	9.10	128	49517	21.99	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.83	143	56249	20.53	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.36	165	117195	20.44	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.88	131	133888	21.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	401771	21.44	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	474037	21.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	64289	20.51	ng/ul	0.00
57) Fluorene-d10	15.57	176	371982	20.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	77570	19.77	ng/ul	0.00
70) Anthracene-d10	17.42	188	612179	21.24	ng/ul	0.00
76) Pyrene-d10	19.70	212	701268	21.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	532816	21.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	19273	9.49	ng/uL#	56
4) Benzaldehyde	7.09	77	143530	24.86	ng/ul#	73
6) Phenol	7.12	94	161928	21.17	ng/ul#	47
8) Bis(2-Chloroethyl)ether	7.36	93	114209	19.93	ng/ul#	66
10) 2-Chlorophenol	7.50	128	99403	21.04	ng/ul#	72
11) 2-Methylphenol	8.37	108	111101	20.25	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.47	45	222225	20.63	ng/ul#	89
14) Acetophenone	8.77	105	214852	21.33	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.75	70	134053	20.43	ng/ul#	63
16) 4-Methylphenol	8.70	108	117291	19.84	ng/ul	95
17) Hexachloroethane	9.02	117	59722	20.50	ng/ul	95
20) Nitrobenzene	9.15	77	214324	21.58	ng/ul#	82
21) Isophorone	9.67	82	335844	20.95	ng/ul#	88
23) 2-Nitrophenol	9.86	139	60761	21.39	ng/ul#	9
24) 2,4-Dimethylphenol	9.90	107	172036	21.23	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.15	93	167672	20.99	ng/ul	98
27) 2,4-Dichlorophenol	10.38	162	115439	20.50	ng/ul#	92
28) Naphthalene	10.79	128	341499	20.89	ng/ul	98
30) 4-Chloroaniline	10.90	127	141041	22.05	ng/ul	97
31) Hexachlorobutadiene	11.07	225	109136	20.03	ng/ul	94
32) Caprolactam	11.68	113	32398	18.70	ng/ul#	3
33) 4-Chloro-3-methylphenol	12.01	107	152875	20.92	ng/ul#	84
34) 2-Methylnaphthalene	12.40	142	267209	20.13	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	189296	21.55	ng/ul#	95
37) Hexachlorocyclopentadiene	12.74	237	140127	20.63	ng/ul	96
38) 2,4,6-Trichlorophenol	13.00	196	112136	21.15	ng/ul	99
39) 2,4,5-Trichlorophenol	13.07	196	119847	21.05	ng/ul	95
40) 1,1'-Biphenyl	13.41	154	379254	21.46	ng/ul#	95
41) 2-Chloronaphthalene	13.45	162	302716	21.77	ng/ul	96
42) 2-Nitroaniline	13.66	65	151780	21.99	ng/ul#	64
44) Dimethylphthalate	14.03	163	403051	21.52	ng/ul	100
45) 2,6-Dinitrotoluene	14.15	165	75565	21.06	ng/ul#	64
47) Acenaphthylene	14.30	152	461700	21.61	ng/ul	98
48) 3-Nitroaniline	14.48	138	72817	21.45	ng/ul#	59
49) Acenaphthene	14.64	153	322458	21.46	ng/ul	95
50) 2,4-Dinitrophenol	14.69	184	47030	18.25	ng/ul#	48
52) 4-Nitrophenol	14.77	109	132731	20.54	ng/ul#	65
53) Dibenzofuran	14.97	168	489836	21.20	ng/ul#	87
54) 2,4-Dinitrotoluene	14.93	165	115072	20.89	ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.19	232	120649	21.10	ng/ul#	88
56) Diethylphthalate	15.39	149	424871	20.85	ng/ul	95
58) Fluorene	15.62	166	402638	20.86	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.62	204	238097	21.29	ng/ul	93
60) 4-Nitroaniline	15.64	138	80305	21.23	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.69	198	81218	20.01	ng/ul#	63
64) N-Nitrosodiphenylamine	15.83	169	356731	21.40	ng/ul	98
65) 4-Bromophenyl-phenylether	16.51	248	152204	21.28	ng/ul#	90
66) Hexachlorobenzene	16.62	284	164884	21.25	ng/ul#	88
67) Atrazine	16.77	200	158062	20.71	ng/ul	96
68) Pentachlorophenol	16.96	266	101113	19.85	ng/ul	99
69) Phenanthrene	17.36	178	685206	21.11	ng/ul	99
71) Anthracene	17.45	178	707671	21.31	ng/ul	99
72) Carbazole	17.72	167	598676	20.56	ng/ul	98
73) Di-n-butylphthalate	18.27	149	709288	20.25	ng/ul#	95
74) Fluoranthene	19.37	202	850144	20.16	ng/ul#	95
77) Pyrene	19.73	202	876537	22.01	ng/ul#	93
78) Butylbenzylphthalate	20.62	149	312060	21.04	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.40	252	306779	22.10	ng/ul	98
80) Benzo(a)anthracene	21.47	228	841996	21.09	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.39	149	425238	20.64	ng/ul	97
82) Chrysene	21.52	228	793610	21.38	ng/ul	99
84) Di-n-octyl phthalate	22.30	149	682016	19.76	ng/ul#	82
85) Benzo(b)fluoranthene	23.13	252	749499	21.69	ng/ul#	97
86) Benzo(k)fluoranthene	23.18	252	686830	20.93	ng/ul#	97
88) Benzo(a)pyrene	23.74	252	676868	21.35	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.26	276	675444	21.22	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.28	278	575954	20.91	ng/ul#	94
91) Benzo(g,h,i)perylene	27.01	276	558187	21.57	ng/ul#	92

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

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