Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008352.D
Acq On : 15 Dec 2016 20:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Dec 16 02:38:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 02:33:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	130100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	526329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	337697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	616012	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	746415	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	735809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	23159	8.38	ng/uL	0.00
5) Phenol-d5	6.86	99	209810	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	127003	21.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	165643	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	165396	21.16	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	81284	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	88739	21.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	168058	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	192301	21.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	461560	20.56	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	573338	21.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	47319	14.31	ng/ul	0.00
57) Fluorene-d10	15.30	176	406989	20.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	67856	18.51	ng/ul	0.00
70) Anthracene-d10	17.16	188	588313	21.92	ng/ul	0.00
76) Pyrene-d10	19.46	212	647391	22.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	680518	22.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26253	8.12	ng/uL	99
4) Benzaldehyde	6.83	77	157894	23.64	ng/ul	93
6) Phenol	6.88	94	219128	20.91	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	170275	21.77	ng/ul	97
10) 2-Chlorophenol	7.24	128	168231	21.93	ng/ul	98
11) 2-Methylphenol	8.12	108	163067	21.26	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	201067	22.60	ng/ul	100
14) Acetophenone	8.49	105	275454	21.55	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	147638	22.48	ng/ul	96
16) 4-Methylphenol	8.45	108	173063	20.80	ng/ul	100
17) Hexachloroethane	8.72	117	76217	21.79	ng/ul	90
20) Nitrobenzene	8.87	77	217546	22.19	ng/ul	98
21) Isophorone	9.39	82	376595	21.36	ng/ul	99
23) 2-Nitrophenol	9.57	139	94356	21.89	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	206936	21.49	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	221529	22.13	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	164707	21.16	ng/ul	97
28) Naphthalene	10.49	128	534229	21.44	ng/ul	98
30) 4-Chloroaniline	10.62	127	195222	21.88	ng/ul	96
31) Hexachlorobutadiene	10.76	225	138927	21.96	ng/ul	98
32) Caprolactam	11.43	113	42949	17.59	ng/ul	90
33) 4-Chloro-3-methylphenol	11.76	107	169996	20.18	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	378538	21.03	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	237264	22.44	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	76864	18.00	ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	130429	21.73	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	132161	20.19	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	499902	22.19	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	378691	21.93	ng/ul	99
42) 2-Nitroaniline	13.41	65	106698	20.88	ng/ul	99
44) Dimethylphthalate	13.77	163	454790	20.67	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	89395	20.86	ng/ul	96
47) Acenaphthylene	14.03	152	583068	21.60	ng/ul	98
48) 3-Nitroaniline	14.24	138	81865	19.17	ng/ul	96
49) Acenaphthene	14.37	153	397737	21.44	ng/ul	98
50) 2,4-Dinitrophenol	14.48	184	54646	21.98	ng/ul	98
52) 4-Nitrophenol	14.57	109	45523	14.35	ng/ul	97
53) Dibenzofuran	14.71	168	572705	21.18	ng/ul	100
54) 2,4-Dinitrotoluene	14.71	165	126959	19.78	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	121481	20.09	ng/ul	98
56) Diethylphthalate	15.14	149	439438	20.08	ng/ul	99
58) Fluorene	15.36	166	460036	20.71	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	252044	21.35	ng/ul	100
60) 4-Nitroaniline	15.42	138	71343	17.36	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.48	198	66968	17.82	ng/ul	100
64) N-Nitrosodiphenylamine	15.57	169	384213	22.92	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	153434	22.69	ng/ul	98
66) Hexachlorobenzene	16.37	284	170248	22.21	ng/ul	97
67) Atrazine	16.53	200	140265	20.41	ng/ul	99
68) Pentachlorophenol	16.73	266	69694	16.81	ng/ul	94
69) Phenanthrene	17.10	178	692827	21.95	ng/ul	99
71) Anthracene	17.20	178	702408	21.92	ng/ul	100
72) Carbazole	17.48	167	569356	20.18	ng/ul	98
73) Di-n-butylphthalate	18.03	149	668038	21.17	ng/ul	99
74) Fluoranthene	19.13	202	775226	20.00	ng/ul	99
77) Pyrene	19.49	202	817146	22.30	ng/ul	100
78) Butylbenzylphthalate	20.39	149	281297	21.40	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	268549	20.53	ng/ul	99
80) Benzo(a)anthracene	21.24	228	825727	21.40	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	416161	21.62	ng/ul	99
82) Chrysene	21.30	228	804832	21.69	ng/ul	98
84) Di-n-octyl phthalate	22.04	149	727725	20.61	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	884739	22.28	ng/ul	100
86) Benzo(k)fluoranthene	22.86	252	821464	21.61	ng/ul	99
88) Benzo(a)pyrene	23.39	252	843330	22.04	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1039793	22.38	ng/ul	100
90) Dibenzo(a,h)anthracene	25.73	278	865437	22.18	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	857800	22.07	ng/ul	99

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

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