Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\
Data File : BM005185.D
Acq On : 30 Apr 2016 22:01
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Manual Integrations APPROVED
sohil
5/2/2016 8:52:01 AM

Quant Time: May 01 04:53:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 01 04:14:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	227164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	140520	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	311934	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	268708	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	239257	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	7916	8.33	ng/uL	0.00
5) Phenol-d5	6.96	99	85416	21.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	50011	22.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	67785	21.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	70879	20.94	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	33692	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	37789	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	71276	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	94718	24.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	228715	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	276058	20.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	36463	18.80	ng/ul	0.00
57) Fluorene-d10	15.42	176	195671	20.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	33809	19.06	ng/ul	0.00
70) Anthracene-d10	17.27	188	291000	20.80	ng/ul	0.00
76) Pyrene-d10	19.57	212	292211	23.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	218440	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	14428	8.19	ng/uL	95
4) Benzaldehyde	6.93	77	51828	26.14	ng/ul	97
6) Phenol	6.98	94	89238	21.44	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.21	93	69318	21.72	ng/ul	98
10) 2-Chlorophenol	7.35	128	68834	21.20	ng/ul	97
11) 2-Methylphenol	8.23	108	69190	21.30	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	92716	22.46	ng/ul	97
14) Acetophenone	8.60	105	111517	21.89	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	56424	22.11	ng/ul	98
16) 4-Methylphenol	8.56	108	76803	21.24	ng/ul	95
17) Hexachloroethane	8.86	117	26850	20.77	ng/ul	93
20) Nitrobenzene	8.99	77	82559	21.33	ng/ul	99
21) Isophorone	9.50	82	161422	21.95	ng/ul	98
23) 2-Nitrophenol	9.69	139	40632	21.30	ng/ul	91
24) 2,4-Dimethylphenol	9.75	107	85215	20.74	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	98537	21.56	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	72041	21.02	ng/ul	99
28) Naphthalene	10.63	128	234618	20.48	ng/ul	100
30) 4-Chloroaniline	10.74	127	96405	24.23	ng/ul	100
31) Hexachlorobutadiene	10.90	225	44291	19.58	ng/ul	98
32) Caprolactam	11.50	113	22808m	19.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	83028	21.18	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	173925	20.51	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	90111	20.53 ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	46141	17.71 ng/ul	95
38) 2,4,6-Trichlorophenol	12.85	196	59599	21.34 ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	66301	21.20 ng/ul	98
40) 1,1'-Biphenyl	13.26	154	233276	20.99 ng/ul	99
41) 2-Chloronaphthalene	13.30	162	177390	20.98 ng/ul	100
42) 2-Nitroaniline	13.51	65	52394	22.85 ng/ul	98
44) Dimethylphthalate	13.88	163	226885	20.38 ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	46994	21.86 ng/ul	97
47) Acenaphthylene	14.15	152	291636	20.86 ng/ul	99
48) 3-Nitroaniline	14.34	138	49258	22.53 ng/ul	99
49) Acenaphthene	14.49	153	189469	20.59 ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	18024	14.37 ng/ul	99
52) 4-Nitrophenol	14.65	109	30822	17.77 ng/ul	96
53) Dibenzofuran	14.83	168	275117	20.28 ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	67819	20.77 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	54147	19.94 ng/ul	99
56) Diethylphthalate	15.25	149	230298	20.50 ng/ul	100
58) Fluorene	15.48	166	213927	20.31 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	106879	20.11 ng/ul	98
60) 4-Nitroaniline	15.50	138	48016	20.36 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	35857	19.19 ng/ul	95
64) N-Nitrosodiphenylamine	15.69	169	189767	22.13 ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	66000	21.68 ng/ul	98
66) Hexachlorobenzene	16.48	284	71757	20.69 ng/ul	97
67) Atrazine	16.64	200	68294	21.62 ng/ul	98
68) Pentachlorophenol	16.83	266	37026	18.51 ng/ul	99
69) Phenanthrene	17.22	178	343713	20.70 ng/ul	100
71) Anthracene	17.31	178	346559	20.71 ng/ul	100
72) Carbazole	17.58	167	306717	21.37 ng/ul	100
73) Di-n-butylphthalate	18.14	149	364634	21.70 ng/ul	100
74) Fluoranthene	19.23	202	365119	19.98 ng/ul	100
77) Pyrene	19.60	202	368160	23.72 ng/ul	99
78) Butylbenzylphthalate	20.50	149	142499	23.87 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.29	252	99632	20.73 ng/ul	98
80) Benzo(a)anthracene	21.35	228	317949	20.67 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	192184	22.92 ng/ul	98
82) Chrysene	21.40	228	302773	20.57 ng/ul	100
84) Di-n-octyl phthalate	22.16	149	308962	20.77 ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	293807	20.39 ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	273997	19.55 ng/ul	100
88) Benzo(a)pyrene	23.54	252	272415	20.24 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	290368	22.62 ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	244988	22.84 ng/ul	98
91) Benzo(g,h,i)perylene	26.66	276	241460	22.99 ng/ul	99

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

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