Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\
Data File : BM005142.D
Acq On : 29 Apr 2016 14:49
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Manual Integrations APPROVED
sohil
4/30/2016 11:27:29 AM

Quant Time: Apr 30 03:04:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 29 02:20:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	47074	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	218361	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	132689	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	305284	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	292386	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	243737	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	7984	8.62	ng/uL	0.00
5) Phenol-d5	6.96	99	83881	21.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	49478	22.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	65826	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	69256	20.98	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	31882	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	35826	21.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	68587	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	90139	23.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	219861	20.98	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	259669	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	35806	19.55	ng/ul	0.00
57) Fluorene-d10	15.42	176	186436	20.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	31593	18.19	ng/ul	0.00
70) Anthracene-d10	17.27	188	284091	20.75	ng/ul	0.00
76) Pyrene-d10	19.57	212	305270	22.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	229515	21.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	14646	8.52	ng/uL	95
4) Benzaldehyde	6.93	77	50097	25.91	ng/ul	98
6) Phenol	6.99	94	88086	21.70	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	68244	21.93	ng/ul	99
10) 2-Chlorophenol	7.35	128	67589	21.35	ng/ul	95
11) 2-Methylphenol	8.23	108	67388	21.27	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	89706	22.29	ng/ul	99
14) Acetophenone	8.60	105	106423	21.42	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	54272	21.81	ng/ul	99
16) 4-Methylphenol	8.56	108	75391	21.38	ng/ul	99
17) Hexachloroethane	8.86	117	25859	20.51	ng/ul	89
20) Nitrobenzene	8.99	77	78910	21.20	ng/ul	96
21) Isophorone	9.50	82	153102	21.66	ng/ul	97
23) 2-Nitrophenol	9.70	139	39450	21.51	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	81740	20.70	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	95111	21.65	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	69027	20.95	ng/ul	99
28) Naphthalene	10.63	128	223601	20.30	ng/ul	100
30) 4-Chloroaniline	10.74	127	91222	23.85	ng/ul	99
31) Hexachlorobutadiene	10.91	225	41289	18.99	ng/ul	97
32) Caprolactam	11.50	113	22296m	19.57	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	81261	21.57	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	167376	20.53	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	86445	20.85	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	44947	18.27	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	57166	21.68	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	63475	21.49	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	224052	21.35	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	167247	20.95	ng/ul	100
42) 2-Nitroaniline	13.51	65	48999	22.63	ng/ul	96
44) Dimethylphthalate	13.89	163	219284	20.86	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	43270	21.32	ng/ul	94
47) Acenaphthylene	14.15	152	274969	20.82	ng/ul	99
48) 3-Nitroaniline	14.34	138	45801	22.18	ng/ul	100
49) Acenaphthene	14.49	153	178597	20.56	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	16973	14.33	ng/ul	98
52) 4-Nitrophenol	14.65	109	29837	18.22	ng/ul	97
53) Dibenzofuran	14.83	168	258703	20.19	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	63568	20.61	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	52473	20.46	ng/ul	98
56) Diethylphthalate	15.25	149	219808	20.72	ng/ul	99
58) Fluorene	15.48	166	203053	20.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	101488	20.22	ng/ul	98
60) 4-Nitroaniline	15.50	138	45395	20.38	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	33808	18.49	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	180642	21.53	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	62989	21.14	ng/ul	100
66) Hexachlorobenzene	16.48	284	69799	20.56	ng/ul	99
67) Atrazine	16.64	200	67018	21.67	ng/ul	98
68) Pentachlorophenol	16.83	266	37854	19.34	ng/ul	98
69) Phenanthrene	17.22	178	335838	20.67	ng/ul	99
71) Anthracene	17.31	178	338766	20.68	ng/ul	99
72) Carbazole	17.58	167	307736	21.91	ng/ul	99
73) Di-n-butylphthalate	18.14	149	367648	22.36	ng/ul	100
74) Fluoranthene	19.24	202	381998	21.36	ng/ul	99
77) Pyrene	19.60	202	385542	22.83	ng/ul	98
78) Butylbenzylphthalate	20.50	149	156452	24.08	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	111995	21.42	ng/ul	99
80) Benzo(a)anthracene	21.35	228	352585	21.07	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	215842	23.66	ng/ul	100
82) Chrysene	21.40	228	329964	20.60	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	347744	22.95	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	306306	20.86	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	300350	21.04	ng/ul	100
88) Benzo(a)pyrene	23.54	252	285887	20.85	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	294263	22.50	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	245981	22.51	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	245558	22.95	ng/ul	98

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

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