Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\
Data File : BM005157.D
Acq On : 30 Apr 2016 00:33
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
sohil
4/30/2016 11:27:37 AM

Quant Time: Apr 30 04:37:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	45649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	215730	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	133102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	306026	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	297591	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	248476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	7602	8.46	ng/uL	0.00
5) Phenol-d5	6.96	99	81525	21.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	47813	22.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	63474	21.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	67598	21.12	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	32076	21.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	36087	21.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	67177	21.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	89886	24.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	217834	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	262120	20.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	36673	19.96	ng/ul	0.00
57) Fluorene-d10	15.42	176	187349	20.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	34183	19.64	ng/ul	0.00
70) Anthracene-d10	17.27	188	287438	20.95	ng/ul	0.00
76) Pyrene-d10	19.57	212	310413	22.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	230018	20.66	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	14177	8.51	ng/uL	97
4) Benzaldehyde	6.93	77	49396	26.35	ng/ul	98
6) Phenol	6.98	94	86062	21.86	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.22	93	66176	21.93	ng/ul	99
10) 2-Chlorophenol	7.35	128	66053	21.51	ng/ul	98
11) 2-Methylphenol	8.23	108	65537	21.33	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	87537	22.43	ng/ul	99
14) Acetophenone	8.60	105	106360	22.08	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	54586	22.62	ng/ul	98
16) 4-Methylphenol	8.56	108	74051	21.66	ng/ul	99
17) Hexachloroethane	8.86	117	25587	20.93	ng/ul	88
20) Nitrobenzene	8.99	77	78672	21.40	ng/ul	96
21) Isophorone	9.50	82	152410	21.83	ng/ul	98
23) 2-Nitrophenol	9.69	139	39335	21.71	ng/ul	95
24) 2,4-Dimethylphenol	9.75	107	81352	20.85	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	94334	21.74	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	68255	20.97	ng/ul	99
28) Naphthalene	10.63	128	222860	20.48	ng/ul	99
30) 4-Chloroaniline	10.74	127	91533	24.22	ng/ul	99
31) Hexachlorobutadiene	10.90	225	41242	19.20	ng/ul	98
32) Caprolactam	11.50	113	22695m	20.16	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	79610	21.39	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	165300	20.52	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	85144	20.48	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	46101	18.68	ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	56430	21.33	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	62744	21.18	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	221248	21.01	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	168084	20.99	ng/ul	99
42) 2-Nitroaniline	13.51	65	49827	22.94	ng/ul	95
44) Dimethylphthalate	13.88	163	217777	20.66	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	44244	21.73	ng/ul	96
47) Acenaphthylene	14.15	152	276201	20.85	ng/ul	100
48) 3-Nitroaniline	14.34	138	46759	22.58	ng/ul	100
49) Acenaphthene	14.49	153	180982	20.77	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	18567	15.62	ng/ul	95
52) 4-Nitrophenol	14.65	109	30747	18.71	ng/ul	98
53) Dibenzofuran	14.83	168	263674	20.52	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	64928	20.99	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	52617	20.45	ng/ul	99
56) Diethylphthalate	15.25	149	219540	20.63	ng/ul	99
58) Fluorene	15.48	166	205496	20.60	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	102899	20.44	ng/ul	98
60) 4-Nitroaniline	15.50	138	47042	21.06	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	35759	19.51	ng/ul#	96
64) N-Nitrosodiphenylamine	15.69	169	183617	21.83	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	62934	21.07	ng/ul	96
66) Hexachlorobenzene	16.48	284	69831	20.52	ng/ul	98
67) Atrazine	16.64	200	68106	21.97	ng/ul	98
68) Pentachlorophenol	16.83	266	37472	19.10	ng/ul	97
69) Phenanthrene	17.22	178	339703	20.86	ng/ul	99
71) Anthracene	17.31	178	344020	20.95	ng/ul	100
72) Carbazole	17.58	167	311778	22.15	ng/ul	99
73) Di-n-butylphthalate	18.14	149	372285	22.58	ng/ul	100
74) Fluoranthene	19.23	202	387052	21.59	ng/ul	99
77) Pyrene	19.60	202	392171	22.81	ng/ul	99
78) Butylbenzylphthalate	20.49	149	163210	24.68	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.28	252	115069	21.62	ng/ul	98
80) Benzo(a)anthracene	21.34	228	359269	21.09	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	223914	24.11	ng/ul	99
82) Chrysene	21.40	228	338216	20.75	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	361294	23.39	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	313265	20.93	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	298750	20.53	ng/ul	100
88) Benzo(a)pyrene	23.54	252	290489	20.79	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	291376	21.85	ng/ul	98
90) Dibenzo(a,h)anthracene	25.95	278	244589	21.96	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	239927	21.99	ng/ul	99

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

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