Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005449.D
Acq On : 14 May 2016 04:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 05:30:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02035

Manual Integrations APPROVED
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5/14/2016 9:59:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	51526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	233474	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	144192	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	357486	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	439148	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	397039	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	9729	8.88	ng/uL	0.00
5) Phenol-d5	6.93	99	91595	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	54243	20.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	71227	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	72213	18.70	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	34901	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	40062	21.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	73301	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	93039	22.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	239697	20.74	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	281203	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	32480	15.40	ng/ul	0.00
57) Fluorene-d10	15.39	176	210170	21.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	38328	19.06	ng/ul	0.00
70) Anthracene-d10	17.24	188	335191	21.21	ng/ul	0.00
76) Pyrene-d10	19.54	212	404111	19.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	373709	21.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	17223	8.62	ng/uL#	94
4) Benzaldehyde	6.90	77	57653	25.46	ng/ul	97
6) Phenol	6.96	94	95669	19.81	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	72332	19.89	ng/ul	97
10) 2-Chlorophenol	7.32	128	73107	20.25	ng/ul	98
11) 2-Methylphenol	8.20	108	71491	19.15	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.28	45	101470	20.57	ng/ul	99
14) Acetophenone	8.57	105	118505	20.71	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	59470	19.89	ng/ul	98
16) 4-Methylphenol	8.53	108	78761	19.01	ng/ul	100
17) Hexachloroethane	8.82	117	28209	20.76	ng/ul	89
20) Nitrobenzene	8.95	77	86989	20.84	ng/ul	97
21) Isophorone	9.47	82	165741	20.45	ng/ul	98
23) 2-Nitrophenol	9.66	139	43004	21.15	ng/ul	94
24) 2,4-Dimethylphenol	9.72	107	89411	20.73	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	99988	19.81	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	74266	20.67	ng/ul	99
28) Naphthalene	10.59	128	240809	20.50	ng/ul	99
30) 4-Chloroaniline	10.70	127	96075	22.31	ng/ul	97
31) Hexachlorobutadiene	10.86	225	47316	22.16	ng/ul	99
32) Caprolactam	11.47	113	25652	19.17	ng/ul	97
33) 4-Chloro-3-methylphenol	11.84	107	88700	20.59	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	179834	20.47	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	93522	21.32	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	28620	12.77	ng/ul	94
38) 2,4,6-Trichlorophenol	12.82	196	59537	20.38	ng/ul	96
39) 2,4,5-Trichlorophenol	12.90	196	64047	19.76	ng/ul	96
40) 1,1'-Biphenyl	13.22	154	234764	20.55	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	178858	20.71	ng/ul	98
42) 2-Nitroaniline	13.48	65	57295	21.55	ng/ul	97
44) Dimethylphthalate	13.85	163	240553	20.83	ng/ul	100
45) 2,6-Dinitrotoluene	13.97	165	48992	21.51	ng/ul	92
47) Acenaphthylene	14.12	152	294262	20.52	ng/ul	100
48) 3-Nitroaniline	14.31	138	51867	21.36	ng/ul	92
49) Acenaphthene	14.46	153	195609	20.70	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	16013	12.22	ng/ul	98
52) 4-Nitrophenol	14.64	109	28840	16.44	ng/ul	97
53) Dibenzofuran	14.79	168	284548	20.75	ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	75120	22.12	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	51448	18.67	ng/ul#	93
56) Diethylphthalate	15.22	149	245036	21.00	ng/ul	99
58) Fluorene	15.45	166	227902	21.26	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	113964	21.45	ng/ul	97
60) 4-Nitroaniline	15.48	138	55023m	21.38	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.54	198	38851	18.39	ng/ul#	92
64) N-Nitrosodiphenylamine	15.65	169	203081	20.75	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	73526	21.45	ng/ul	96
66) Hexachlorobenzene	16.45	284	82959	21.58	ng/ul	96
67) Atrazine	16.60	200	80488	22.53	ng/ul	99
68) Pentachlorophenol	16.80	266	30436	14.25	ng/ul	95
69) Phenanthrene	17.19	178	390092	20.75	ng/ul	100
71) Anthracene	17.27	178	393919	21.02	ng/ul	99
72) Carbazole	17.55	167	373723	22.67	ng/ul	99
73) Di-n-butylphthalate	18.10	149	442673	22.01	ng/ul	100
74) Fluoranthene	19.20	202	495696	23.80	ng/ul	99
77) Pyrene	19.57	202	509966	20.02	ng/ul	99
78) Butylbenzylphthalate	20.46	149	224692	21.24	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	174929	22.16	ng/ul	99
80) Benzo(a)anthracene	21.32	228	524901	20.78	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	331837	22.59	ng/ul#	97
82) Chrysene	21.37	228	498017	20.78	ng/ul	100
84) Di-n-octyl phthalate	22.12	149	585763	25.26	ng/ul	99
85) Benzo(b)fluoranthene	22.92	252	510606	22.00	ng/ul	98
86) Benzo(k)fluoranthene	22.97	252	490820	22.46	ng/ul	99
88) Benzo(a)pyrene	23.51	252	468436	21.34	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	448822	18.74	ng/ul	97
90) Dibenzo(a,h)anthracene	25.90	278	381581	19.04	ng/ul	98
91) Benzo(g,h,i)perylene	26.60	276	363938	17.94	ng/ul	97

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

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