Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
Data File : BM012968.D
Acq On : 16 Nov 2017 16:46
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV32

Manual Integrations APPROVED
SOHIL
11/17/2017 5:13:25 PM

Quant Time: Nov 16 17:18:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 17:13:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	152310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	618797	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	352672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	805667	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	879478	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	880694	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	26776	8.14	ng/uL	0.00
5) Phenol-d5	6.89	99	253089	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	144716	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	202914	19.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	205135	18.98	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	91272	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	89990	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	214720	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	257714	23.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	609886	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	800929	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	90495	19.29	ng/ul	0.00
57) Fluorene-d10	15.37	176	518950	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	64981	18.60	ng/ul	0.00
70) Anthracene-d10	17.22	188	813272	19.72	ng/ul	0.00
76) Pyrene-d10	19.51	212	885896	19.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	873491	19.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	28054	7.766	ng/uL#	65
4) Benzaldehyde	6.87	77	164063	23.075	ng/ul	88
6) Phenol	6.92	94	248217	19.062	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.16	93	193695	19.757	ng/ul	98
10) 2-Chlorophenol	7.29	128	206313	19.768	ng/ul	95
11) 2-Methylphenol	8.17	108	186823	18.902	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	211719m	19.035	ng/ul	
14) Acetophenone	8.55	105	318058	19.204	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.53	70	157373	18.526	ng/ul#	71
16) 4-Methylphenol	8.49	108	201660	19.213	ng/ul	90
17) Hexachloroethane	8.80	117	88596	20.044	ng/ul#	79
20) Nitrobenzene	8.92	77	230236	20.895	ng/ul	96
21) Isophorone	9.45	82	442453	19.596	ng/ul	96
23) 2-Nitrophenol	9.63	139	95427	20.903	ng/ul#	81
24) 2,4-Dimethylphenol	9.69	107	239744	19.963	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.93	93	258507	19.952	ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	195176	19.724	ng/ul#	89
28) Naphthalene	10.56	128	628873	19.723	ng/ul	100
30) 4-Chloroaniline	10.67	127	239019	22.391	ng/ul	96
31) Hexachlorobutadiene	10.85	225	141991	19.928	ng/ul	94
32) Caprolactam	11.42	113	59299	19.084	ng/ul#	37
33) 4-Chloro-3-methylphenol	11.80	107	203098	19.270	ng/ul	95
34) 2-Methylnaphthalene	12.18	142	458128	19.638	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	12.55	216	255474	19.915	ng/ul	96
37) Hexachlorocyclopentadiene	12.53	237	189216	19.945	ng/ul	99
38) 2,4,6-Trichlorophenol	12.79	196	157480	20.370	ng/ul	94
39) 2,4,5-Trichlorophenol	12.86	196	163744	20.257	ng/ul	99
40) 1,1'-Biphenyl	13.20	154	601168	20.232	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	473461	20.104	ng/ul	98
42) 2-Nitroaniline	13.44	65	109460	21.885	ng/ul	86
44) Dimethylphthalate	13.84	163	584053	19.744	ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	97768	21.661	ng/ul#	94
47) Acenaphthylene	14.09	152	731621	20.149	ng/ul	98
48) 3-Nitroaniline	14.27	138	95615	22.617	ng/ul#	94
49) Acenaphthene	14.43	153	478895	19.625	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	39422	18.244	ng/ul	90
52) 4-Nitrophenol	14.57	109	87491	20.577	ng/ul#	80
53) Dibenzofuran	14.77	168	700961	20.054	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	138332	21.910	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	14.99	232	139867	20.662	ng/ul	93
56) Diethylphthalate	15.21	149	585739	19.585	ng/ul	95
58) Fluorene	15.42	166	569496	19.783	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	303928	19.985	ng/ul	99
60) 4-Nitroaniline	15.43	138	111950	20.137	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.49	198	69873	18.417	ng/ul#	98
64) N-Nitrosodiphenylamine	15.63	169	494505	19.550	ng/ul	97
65) 4-Bromophenyl-phenylether	16.32	248	189853	19.456	ng/ul	96
66) Hexachlorobenzene	16.42	284	205978	19.558	ng/ul#	89
67) Atrazine	16.59	200	191257	19.740	ng/ul	91
68) Pentachlorophenol	16.76	266	104158	19.176	ng/ul	94
69) Phenanthrene	17.16	178	912022	20.126	ng/ul	98
71) Anthracene	17.25	178	925797	19.689	ng/ul	96
72) Carbazole	17.52	167	799716	19.668	ng/ul	100
73) Di-n-butylphthalate	18.11	149	1006766	19.438	ng/ul#	98
74) Fluoranthene	19.17	202	1063654	19.419	ng/ul#	92
77) Pyrene	19.54	202	1094667	19.989	ng/ul#	91
78) Butylbenzylphthalate	20.46	149	437866	19.243	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.23	252	379725	21.007	ng/ul#	95
80) Benzo(a)anthracene	21.29	228	1112677	19.768	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	654011	19.502	ng/ul#	99
82) Chrysene	21.34	228	1028684	19.709	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	1096269	18.890	ng/ul	98
85) Benzo(b)fluoranthene	22.87	252	1084432	19.054	ng/ul#	98
86) Benzo(k)fluoranthene	22.91	252	1066135	20.347	ng/ul#	98
88) Benzo(a)pyrene	23.44	252	1038259	19.588	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.80	276	1200431	19.389	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.81	278	1028138	19.603	ng/ul#	95
91) Benzo(g,h,i)perylene	26.49	276	996275	19.367	ng/ul#	96

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

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