Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013105.D
Acq On : 27 Nov 2017 11:02
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Manual Integrations APPROVED
Sohil
11/28/2017 2:53:41 PM

Quant Time: Nov 28 00:41:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 23 06:16:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	193129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	850302	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	532005	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1289866	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1388281	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1156284	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	28790	6.91	ng/uL	0.00
5) Phenol-d5	6.89	99	292894	17.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	180418	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	236601	17.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	247643	18.07	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	121637	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	111888	19.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	265388	18.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	350641	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	852692	18.27	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1069613	17.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	131961	18.64	ng/ul	0.00
57) Fluorene-d10	15.34	176	751647	18.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	112832	20.17	ng/ul	0.00
70) Anthracene-d10	17.19	188	1196984	18.13	ng/ul	0.00
76) Pyrene-d10	19.49	212	1354552	19.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1104355	18.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	32053	6.998	ng/uL#	61
4) Benzaldehyde	6.86	77	207156	22.978	ng/ul#	85
6) Phenol	6.91	94	302204	18.303	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.14	93	236884	19.055	ng/ul	98
10) 2-Chlorophenol	7.27	128	245734	18.569	ng/ul	96
11) 2-Methylphenol	8.15	108	236848	18.898	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	245313	17.394	ng/ul#	76
14) Acetophenone	8.53	105	399918	19.043	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.52	70	201800	18.735	ng/ul#	69
16) 4-Methylphenol	8.48	108	256156	19.247	ng/ul	97
17) Hexachloroethane	8.78	117	106575	19.016	ng/ul	83
20) Nitrobenzene	8.90	77	314890	20.797	ng/ul	93
21) Isophorone	9.43	82	557090	17.955	ng/ul#	94
23) 2-Nitrophenol	9.61	139	130628	20.823	ng/ul#	81
24) 2,4-Dimethylphenol	9.67	107	306347	18.564	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.91	93	333882	18.754	ng/ul	94
27) 2,4-Dichlorophenol	10.14	162	260250	19.140	ng/ul#	91
28) Naphthalene	10.54	128	831594	18.980	ng/ul	99
30) 4-Chloroaniline	10.65	127	349025	23.794	ng/ul	97
31) Hexachlorobutadiene	10.82	225	193756	19.789	ng/ul	96
32) Caprolactam	11.42	113	83401m	19.533	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	277199	19.140	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	646633	20.172	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	12.53	216	368543	19.045 ng/ul#	95
37) Hexachlorocyclopentadiene	12.51	237	188515	13.173 ng/ul	97
38) 2,4,6-Trichlorophenol	12.77	196	223047	19.126 ng/ul	93
39) 2,4,5-Trichlorophenol	12.85	196	230116	18.872 ng/ul	99
40) 1,1'-Biphenyl	13.18	154	865548	19.310 ng/ul	98
41) 2-Chloronaphthalene	13.22	162	686094	19.312 ng/ul	98
42) 2-Nitroaniline	13.43	65	186240	24.684 ng/ul	85
44) Dimethylphthalate	13.81	163	853299	19.122 ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	171679	25.215 ng/ul	92
47) Acenaphthylene	14.07	152	1048988	19.151 ng/ul	98
48) 3-Nitroaniline	14.26	138	167583	26.278 ng/ul	96
49) Acenaphthene	14.41	153	690552	18.759 ng/ul	96
50) 2,4-Dinitrophenol	14.46	184	65307	20.036 ng/ul	92
52) 4-Nitrophenol	14.57	109	137460	21.432 ng/ul#	77
53) Dibenzofuran	14.75	168	1043527	19.791 ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	248919	26.135 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.97	232	211690	20.731 ng/ul#	92
56) Diethylphthalate	15.18	149	860631	19.076 ng/ul	95
58) Fluorene	15.40	166	870827	20.054 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	462924	20.179 ng/ul	95
60) 4-Nitroaniline	15.42	138	185913	22.168 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.48	198	119885	19.737 ng/ul#	86
64) N-Nitrosodiphenylamine	15.62	169	744257	18.379 ng/ul	94
65) 4-Bromophenyl-phenylether	16.29	248	293269	18.772 ng/ul	95
66) Hexachlorobenzene	16.40	284	320762	19.024 ng/ul#	91
67) Atrazine	16.57	200	290871	18.752 ng/ul	90
68) Pentachlorophenol	16.74	266	150553	17.313 ng/ul	96
69) Phenanthrene	17.14	178	1408853	19.419 ng/ul	98
71) Anthracene	17.23	178	1441596	19.150 ng/ul	99
72) Carbazole	17.50	167	1218747	18.722 ng/ul	99
73) Di-n-butylphthalate	18.07	149	1460103	17.608 ng/ul	99
74) Fluoranthene	19.15	202	1707896	19.476 ng/ul#	92
77) Pyrene	19.52	202	1777034	20.557 ng/ul#	91
78) Butylbenzylphthalate	20.43	149	631477	17.581 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.20	252	518792	18.182 ng/ul	93
80) Benzo(a)anthracene	21.27	228	1668806	18.782 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.21	149	976917	18.454 ng/ul	99
82) Chrysene	21.32	228	1506715	18.287 ng/ul	99
84) Di-n-octyl phthalate	22.09	149	1549997	20.342 ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	1531246	20.492 ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	1433321	20.835 ng/ul#	99
88) Benzo(a)pyrene	23.42	252	1364634	19.610 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.75	276	1340521	16.491 ng/ul#	93
90) Dibenzo(a,h)anthracene	25.76	278	1128213	16.384 ng/ul#	97
91) Benzo(g,h,i)perylene	26.43	276	1082467	16.027 ng/ul#	94

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

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