Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013019.D
Acq On : 18 Nov 2017 02:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Nov 18 03:18:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 17 23:30:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	160734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	651004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	371662	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	856493	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1019914	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1010082	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	28595	8.24	ng/uL	0.00
5) Phenol-d5	6.89	99	257711	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	154821	19.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	211764	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	213787	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	101913	21.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	98410	22.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	215798	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	247480	21.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	641473	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	805511	19.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	105219	21.28	ng/ul	0.00
57) Fluorene-d10	15.35	176	542361	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	88822	23.92	ng/ul	0.00
70) Anthracene-d10	17.20	188	865789	19.75	ng/ul	0.00
76) Pyrene-d10	19.49	212	969079	18.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	1008770	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	30017	7.874	ng/uL#	67
4) Benzaldehyde	6.86	77	133398	17.779	ng/ul	96
6) Phenol	6.91	94	256554	18.670	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.15	93	204565	19.772	ng/ul	99
10) 2-Chlorophenol	7.28	128	215933	19.606	ng/ul	98
11) 2-Methylphenol	8.16	108	194618	18.658	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	218128	18.584	ng/ul#	82
14) Acetophenone	8.53	105	330386	18.902	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.52	70	159015	17.739	ng/ul#	66
16) 4-Methylphenol	8.48	108	205893	18.588	ng/ul	94
17) Hexachloroethane	8.79	117	93261	19.994	ng/ul#	76
20) Nitrobenzene	8.91	77	253040	21.828	ng/ul	95
21) Isophorone	9.43	82	435791	18.346	ng/ul#	93
23) 2-Nitrophenol	9.62	139	107149	22.309	ng/ul#	78
24) 2,4-Dimethylphenol	9.68	107	240825	19.061	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.92	93	260427	19.106	ng/ul	94
27) 2,4-Dichlorophenol	10.15	162	203994	19.595	ng/ul#	92
28) Naphthalene	10.55	128	665394	19.836	ng/ul	98
30) 4-Chloroaniline	10.66	127	235764	20.993	ng/ul	92
31) Hexachlorobutadiene	10.84	225	152454	20.338	ng/ul	94
32) Caprolactam	11.42	113	57516	17.595	ng/ul#	38
33) 4-Chloro-3-methylphenol	11.79	107	212209	19.138	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	485476	19.781	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	274314	20.291 ng/ul#	98
37) Hexachlorocyclopentadiene	12.52	237	196892	19.693 ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	161917	19.874 ng/ul	97
39) 2,4,5-Trichlorophenol	12.85	196	176633	20.735 ng/ul	96
40) 1,1'-Biphenyl	13.19	154	627412	20.036 ng/ul	97
41) 2-Chloronaphthalene	13.23	162	497940	20.063 ng/ul	99
42) 2-Nitroaniline	13.43	65	134709	25.557 ng/ul	93
44) Dimethylphthalate	13.82	163	612894	19.660 ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	114081	23.984 ng/ul#	97
47) Acenaphthylene	14.08	152	746535	19.509 ng/ul	98
48) 3-Nitroaniline	14.26	138	108379	24.327 ng/ul	98
49) Acenaphthene	14.42	153	513080	19.952 ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	52466	23.040 ng/ul	93
52) 4-Nitrophenol	14.57	109	102904	22.966 ng/ul#	77
53) Dibenzofuran	14.76	168	739776	20.083 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	171811	25.822 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.98	232	151438	21.228 ng/ul#	88
56) Diethylphthalate	15.19	149	611989	19.417 ng/ul	95
58) Fluorene	15.41	166	594106	19.584 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.41	204	320424	19.993 ng/ul	97
60) 4-Nitroaniline	15.42	138	125336	21.393 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.48	198	89659	22.229 ng/ul	92
64) N-Nitrosodiphenylamine	15.62	169	511873	19.036 ng/ul	96
65) 4-Bromophenyl-phenylether	16.30	248	198810	19.164 ng/ul	97
66) Hexachlorobenzene	16.40	284	216774	19.362 ng/ul#	92
67) Atrazine	16.57	200	196608	19.088 ng/ul	96
68) Pentachlorophenol	16.75	266	115766	20.049 ng/ul	97
69) Phenanthrene	17.14	178	967199	20.077 ng/ul	99
71) Anthracene	17.23	178	990983	19.825 ng/ul	99
72) Carbazole	17.50	167	849820	19.660 ng/ul	99
73) Di-n-butylphthalate	18.09	149	1013023	18.398 ng/ul#	98
74) Fluoranthene	19.16	202	1159792	19.918 ng/ul#	92
77) Pyrene	19.52	202	1193338	18.791 ng/ul#	92
78) Butylbenzylphthalate	20.44	149	469349	17.787 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.21	252	411196	19.616 ng/ul#	94
80) Benzo(a)anthracene	21.27	228	1245039	19.074 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.22	149	706466	18.165 ng/ul#	96
82) Chrysene	21.32	228	1172737	19.375 ng/ul	98
84) Di-n-octyl phthalate	22.10	149	1190057	17.879 ng/ul	99
85) Benzo(b)fluoranthene	22.85	252	1302058	19.947 ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	1196316	19.907 ng/ul#	98
88) Benzo(a)pyrene	23.42	252	1210437	19.912 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.77	276	1442095	20.309 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.78	278	1194108	19.851 ng/ul#	96
91) Benzo(g,h,i)perylene	26.44	276	1175172	19.918 ng/ul#	94

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

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