Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011595.D
Acq On : 19 Sep 2017 07:30
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
Sohil
9/19/2017 5:34:52 PM

Quant Time: Sep 19 15:18:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 19 03:50:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	438695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	2006059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1207251	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2748371	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	3058557	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2581603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	73114	7.50	ng/uL	0.00
5) Phenol-d5	7.12	99	812876	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	589298	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	628850	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	637193	19.38	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	306692	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	321598	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	644328	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	841682	23.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1991555	19.51	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2476097	20.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	343994	17.93	ng/ul	0.00
58) Fluorene-d10	15.59	176	1790601	20.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	293210	18.33	ng/ul	0.00
71) Anthracene-d10	17.44	188	2741547	20.26	ng/ul	0.00
79) Pyrene-d10	19.72	212	3016781	21.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2486258	20.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	81867	7.659	ng/uL#	62
4) Benzaldehyde	7.11	77	451147	18.743	ng/ul	94
6) Phenol	7.15	94	823902	19.704	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	654339m	19.877	ng/ul	
10) 2-Chlorophenol	7.53	128	613429	19.808	ng/ul#	89
11) 2-Methylphenol	8.40	108	609309	19.218	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1233230	23.113	ng/ul#	90
14) Acetophenone	8.79	105	990780	19.711	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.77	70	557385	20.664	ng/ul#	72
16) 4-Methylphenol	8.73	108	677585	19.533	ng/ul	93
17) Hexachloroethane	9.05	117	235918	19.927	ng/ul	82
20) Nitrobenzene	9.17	77	764694	21.355	ng/ul	95
21) Isophorone	9.70	82	1464781	20.317	ng/ul	98
23) 2-Nitrophenol	9.89	139	333590	20.055	ng/ul#	90
24) 2,4-Dimethylphenol	9.93	107	719348	20.212	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.17	93	928413	19.749	ng/ul	98
27) 2,4-Dichlorophenol	10.42	162	614124	19.988	ng/ul	98
28) Naphthalene	10.82	128	2082142	20.016	ng/ul	98
30) 4-Chloroaniline	10.93	127	794767	23.785	ng/ul	99
31) Hexachlorobutadiene	11.10	225	369264	21.175	ng/ul	99
32) Caprolactam	11.71	113	145978m	15.093	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	661136	20.296	ng/ul	97
34) 2-Methylnaphthalene	12.43	142	1529631	19.801	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	1467132	19.940	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	738971	20.635	ng/ul#	97
38) Hexachlorocyclopentadiene	12.77	237	402593	20.057	ng/ul	98
39) 2,4,6-Trichlorophenol	13.03	196	490463	20.116	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	494392	19.998	ng/ul	97
41) 1,1'-Biphenyl	13.43	154	2003906	19.947	ng/ul#	95
42) 2-Chloronaphthalene	13.48	162	1505434	19.916	ng/ul	99
43) 2-Nitroaniline	13.68	65	503471	21.445	ng/ul	83
45) Dimethylphthalate	14.05	163	1900604	19.450	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	352666	20.435	ng/ul	93
48) Acenaphthylene	14.32	152	2490358	20.046	ng/ul	100
49) 3-Nitroaniline	14.50	138	386005	18.140	ng/ul	97
50) Acenaphthene	14.66	153	1671401	19.911	ng/ul	100
51) 2,4-Dinitrophenol	14.70	184	180518	16.930	ng/ul#	70
53) 4-Nitrophenol	14.80	109	246701	20.012	ng/ul#	62
54) Dibenzofuran	15.00	168	2343696	19.960	ng/ul	96
55) 2,4-Dinitrotoluene	14.96	165	508196	20.032	ng/ul#	72
56) 2,3,4,6-Tetrachlorophenol	15.22	232	458221	20.337	ng/ul#	79
57) Diethylphthalate	15.40	149	1990905	19.578	ng/ul	96
59) Fluorene	15.64	166	1994683	20.270	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	952575	20.660	ng/ul	92
61) 4-Nitroaniline	15.66	138	397076	17.420	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.72	198	300290	18.325	ng/ul#	91
65) N-Nitrosodiphenylamine	15.84	169	1639162	19.580	ng/ul	100
66) 4-Bromophenyl-phenylether	16.53	248	569616	20.292	ng/ul	96
67) Hexachlorobenzene	16.64	284	617238	19.975	ng/ul#	90
68) Atrazine	16.79	200	566738	19.538	ng/ul	98
69) Pentachlorophenol	16.99	266	365197	18.406	ng/ul	96
70) Phenanthrene	17.38	178	3066164	20.015	ng/ul	99
72) Anthracene	17.47	178	3221180	20.492	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	748569	20.440	ng/uL	97
74) Pentachlorobenzene	14.92	250	748812	20.160	ng/uL	99
75) Carbazole	17.74	167	2800299	20.881	ng/ul	98
76) Di-n-butylphthalate	18.29	149	3682948	20.908	ng/ul	100
77) Fluoranthene	19.39	202	3555495	22.565	ng/ul#	89
80) Pyrene	19.75	202	3790800	21.243	ng/ul#	86
81) Butylbenzylphthalate	20.63	149	1647726	20.078	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.42	252	1118589	20.138	ng/ul#	97
83) Benzo(a)anthracene	21.49	228	3506324	20.821	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2543439	20.181	ng/ul#	96
85) Chrysene	21.54	228	3153407	20.655	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	4316955	23.562	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	3172487	20.427	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	3174524	21.283	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	2950077	20.124	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	2937263	18.215	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.31	278	2504126	18.314	ng/ul#	95
94) Benzo(g,h,i)perylene	27.06	276	2319707	17.763	ng/ul#	90

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

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