Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041817\
Data File : BM009662.D
Acq On : 18 Apr 2017 19:25
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Manual Integrations APPROVED
mohammad
4/19/2017 4:41:45 PM

Quant Time: Apr 19 05:56:46 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 05:34:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	120681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	472956	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	274949	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	616398	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	790634	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	758471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	22316	6.81	ng/uL	0.00
5) Phenol-d5	6.99	99	205673	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	151563	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	149798	19.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	152280	18.74	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	71541	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	75410	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	145158	19.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	175088	22.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	416790	18.80	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	543445	19.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	71455	17.95	ng/ul	0.00
57) Fluorene-d10	15.47	176	363596	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	66654	16.97	ng/ul	0.00
70) Anthracene-d10	17.33	188	571953	19.16	ng/ul	0.00
76) Pyrene-d10	19.62	212	634583	18.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	661117	19.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	27093m	7.04	ng/uL	
4) Benzaldehyde	6.98	77	161329	23.73	ng/ul	88
6) Phenol	7.02	94	219725	18.50	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.26	93	175600	19.29	ng/ul	84
10) 2-Chlorophenol	7.39	128	156246	19.56	ng/ul#	80
11) 2-Methylphenol	8.27	108	158816	19.11	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.36	45	288069	19.37	ng/ul	95
14) Acetophenone	8.66	105	261844	18.83	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.64	70	164738	20.06	ng/ul#	80
16) 4-Methylphenol	8.60	108	172468	19.00	ng/ul	97
17) Hexachloroethane	8.90	117	74870	19.37	ng/ul	95
20) Nitrobenzene	9.04	77	234699	19.52	ng/ul#	86
21) Isophorone	9.56	82	385883	19.63	ng/ul#	96
23) 2-Nitrophenol	9.75	139	81744	18.99	ng/ul#	60
24) 2,4-Dimethylphenol	9.80	107	201553	19.89	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.04	93	223551	18.91	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	149545	19.52	ng/ul#	89
28) Naphthalene	10.68	128	481321	19.50	ng/ul	98
30) 4-Chloroaniline	10.80	127	181590	22.66	ng/ul	97
31) Hexachlorobutadiene	10.95	225	115894	20.27	ng/ul	99
32) Caprolactam	11.57	113	45450	18.17	ng/ul#	74
33) 4-Chloro-3-methylphenol	11.91	107	170475	19.78	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	344895	19.76	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	200953	19.87	ng/ul#	94
37) Hexachlorocyclopentadiene	12.63	237	100097	18.18	ng/ul	92
38) 2,4,6-Trichlorophenol	12.90	196	118318	18.29	ng/ul	92
39) 2,4,5-Trichlorophenol	12.97	196	122583	18.75	ng/ul	86
40) 1,1'-Biphenyl	13.30	154	438709	19.03	ng/ul	94
41) 2-Chloronaphthalene	13.35	162	351305	19.30	ng/ul	95
42) 2-Nitroaniline	13.56	65	130701	18.77	ng/ul#	79
44) Dimethylphthalate	13.93	163	422626	18.95	ng/ul	97
45) 2,6-Dinitrotoluene	14.06	165	82071	18.43	ng/ul#	79
47) Acenaphthylene	14.20	152	539953	19.17	ng/ul	99
48) 3-Nitroaniline	14.40	138	85906	19.53	ng/ul#	75
49) Acenaphthene	14.54	153	368262	19.43	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	46035	16.68	ng/ul#	75
52) 4-Nitrophenol	14.69	109	84856	18.26	ng/ul#	61
53) Dibenzofuran	14.88	168	528995	19.40	ng/ul	89
54) 2,4-Dinitrotoluene	14.85	165	125002	18.96	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.10	232	115479	19.22	ng/ul#	94
56) Diethylphthalate	15.30	149	433084	19.00	ng/ul	97
58) Fluorene	15.53	166	429314	18.98	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	225408	19.17	ng/ul	96
60) 4-Nitroaniline	15.56	138	88340	18.34	ng/ul#	38
63) 4,6-Dinitro-2-methylphenol	15.62	198	74543	18.03	ng/ul#	85
64) N-Nitrosodiphenylamine	15.74	169	366064	19.43	ng/ul	98
65) 4-Bromophenyl-phenylether	16.42	248	138390	19.52	ng/ul	90
66) Hexachlorobenzene	16.53	284	148391	19.08	ng/ul	99
67) Atrazine	16.69	200	138095	18.88	ng/ul	96
68) Pentachlorophenol	16.87	266	83409	17.40	ng/ul	89
69) Phenanthrene	17.27	178	667292	19.29	ng/ul	98
71) Anthracene	17.36	178	699429	19.43	ng/ul	97
72) Carbazole	17.63	167	592767	18.74	ng/ul	97
73) Di-n-butylphthalate	18.18	149	730271	19.08	ng/ul	96
74) Fluoranthene	19.29	202	790083	18.41	ng/ul#	91
77) Pyrene	19.65	202	854606	19.03	ng/ul#	90
78) Butylbenzylphthalate	20.54	149	340214	18.35	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.33	252	307785	19.16	ng/ul	99
80) Benzo(a)anthracene	21.39	228	886338	19.15	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	503444	18.36	ng/ul	99
82) Chrysene	21.44	228	805786	19.32	ng/ul	98
84) Di-n-octyl phthalate	22.20	149	901265	17.86	ng/ul#	91
85) Benzo(b)fluoranthene	23.02	252	893012	19.13	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	870389	19.58	ng/ul#	96
88) Benzo(a)pyrene	23.63	252	862981	19.19	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.08	276	1019129	19.39	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.09	278	860011	19.35	ng/ul#	95
91) Benzo(g,h,i)perylene	26.81	276	832823	19.39	ng/ul#	93

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

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