Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM063017\
Data File : BM010781.D
Acq On : 30 Jun 2017 19:24
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 01 07:04:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 01 06:43:48 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02009

Manual Integrations APPROVED
mohammad
7/3/2017 8:08:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	73133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	323829	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	229992	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	636835	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	762751	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	581582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	10674	8.36	ng/uL	0.00
5) Phenol-d5	6.65	99	121896	17.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	70563	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	94284	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	104988	18.18	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	46962	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	55773	20.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	118026	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	134379	22.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	404593	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	474061	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	68047	19.15	ng/ul	0.00
57) Fluorene-d10	15.11	176	369906	21.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	77381	19.78	ng/ul	0.00
70) Anthracene-d10	16.96	188	627717m	20.41	ng/ul	0.00
76) Pyrene-d10	19.27	212	747373	21.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	577727	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	11737	8.232	ng/uL#	43
4) Benzaldehyde	6.61	77	89748	21.889	ng/ul	95
6) Phenol	6.67	94	127323	17.744	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	94130	18.019	ng/ul	94
10) 2-Chlorophenol	7.03	128	91760	18.783	ng/ul	96
11) 2-Methylphenol	7.90	108	99014	18.104	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.00	45	57721	15.828	ng/ul#	82
14) Acetophenone	8.27	105	169238	17.945	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.26	70	91972	18.097	ng/ul	92
16) 4-Methylphenol	8.23	108	107718	17.901	ng/ul	91
17) Hexachloroethane	8.52	117	43460	20.006	ng/ul#	80
20) Nitrobenzene	8.64	77	144332	21.411	ng/ul	99
21) Isophorone	9.17	82	246077	18.366	ng/ul	99
23) 2-Nitrophenol	9.35	139	58069	20.569	ng/ul	93
24) 2,4-Dimethylphenol	9.42	107	146856	20.451	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.65	93	138750	18.674	ng/ul	95
27) 2,4-Dichlorophenol	9.87	162	109418	20.060	ng/ul#	90
28) Naphthalene	10.27	128	318938	19.791	ng/ul	99
30) 4-Chloroaniline	10.38	127	130861	22.037	ng/ul	93
31) Hexachlorobutadiene	10.56	225	90825	22.080	ng/ul	90
32) Caprolactam	11.15	113	34052m	17.788	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	138340	19.885	ng/ul	92
34) 2-Methylnaphthalene	11.89	142	262447	20.259	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	174209	21.462	ng/ul#	97
37) Hexachlorocyclopentadiene	12.25	237	82077	17.590	ng/ul	95
38) 2,4,6-Trichlorophenol	12.52	196	112739	20.339	ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	120845	21.114	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	368792	20.510	ng/ul	96
41) 2-Chloronaphthalene	12.97	162	289598	20.468	ng/ul	97
42) 2-Nitroaniline	13.18	65	95118	22.980	ng/ul	95
44) Dimethylphthalate	13.58	163	388120	19.611	ng/ul	99
45) 2,6-Dinitrotoluene	13.69	165	77117	22.497	ng/ul#	82
47) Acenaphthylene	13.82	152	440901	19.712	ng/ul	98
48) 3-Nitroaniline	14.02	138	74774	21.628	ng/ul	93
49) Acenaphthene	14.17	153	294560	19.522	ng/ul	100
50) 2,4-Dinitrophenol	14.23	184	53795	21.668	ng/ul#	80
52) 4-Nitrophenol	14.34	109	112541	24.965	ng/ul#	82
53) Dibenzofuran	14.51	168	471658	20.641	ng/ul	92
54) 2,4-Dinitrotoluene	14.49	165	119821	22.530	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.74	232	122738	21.196	ng/ul#	85
56) Diethylphthalate	14.96	149	414919	19.927	ng/ul	96
58) Fluorene	15.16	166	385004	20.124	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.17	204	219414	21.102	ng/ul	94
60) 4-Nitroaniline	15.19	138	86406	21.160	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.25	198	80563	19.330	ng/ul#	92
64) N-Nitrosodiphenylamine	15.39	169	345659	19.571	ng/ul	98
65) 4-Bromophenyl-phenylether	16.06	248	144268	19.786	ng/ul#	88
66) Hexachlorobenzene	16.17	284	155196	20.210	ng/ul#	82
67) Atrazine	16.35	200	158136	21.253	ng/ul	97
68) Pentachlorophenol	16.52	266	101983	18.837	ng/ul	97
69) Phenanthrene	16.90	178	670717	19.811	ng/ul	98
71) Anthracene	16.99	178	699546	20.056	ng/ul	99
72) Carbazole	17.27	167	593324	19.497	ng/ul	98
73) Di-n-butylphthalate	17.86	149	741490	19.162	ng/ul	99
74) Fluoranthene	18.93	202	903812	20.714	ng/ul	97
77) Pyrene	19.30	202	914935	20.767	ng/ul#	97
78) Butylbenzylphthalate	20.23	149	358721	21.659	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.00	252	302618	19.832	ng/ul	96
80) Benzo(a)anthracene	21.06	228	917983	20.667	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.02	149	534506	21.152	ng/ul#	99
82) Chrysene	21.12	228	810338	20.462	ng/ul	98
84) Di-n-octyl phthalate	21.87	149	892589	21.964	ng/ul#	95
85) Benzo(b)fluoranthene	22.58	252	819989	21.720	ng/ul	98
86) Benzo(k)fluoranthene	22.62	252	735178	20.541	ng/ul	100
88) Benzo(a)pyrene	23.12	252	706321	20.322	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	720194	19.979	ng/ul	99
90) Dibenzo(a,h)anthracene	25.34	278	608713	20.263	ng/ul#	96
91) Benzo(g,h,i)perylene	25.97	276	592589	20.651	ng/ul	99

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

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