Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058619.D
Acq On : 12 Oct 2016 14:13
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
SOHIL
10/13/2016 11:12:37 AM

Quant Time: Oct 12 14:51:05 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	533540	20.00	ng/ul	0.00
18) Naphthalene-d8	11.62	136	1983312	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1238558	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.42	188	2028424m	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	2091729	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1688677	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	76532	6.50	ng/uL	0.02
5) Phenol-d5	7.79	99	1145842	29.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	777436	29.94	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1305203	32.46	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	971219	30.27	ng/ul	-0.02
19) Nitrobenzene-d5	9.89	128	663858	32.37	ng/ul	0.02
22) 2-Nitrophenol-d4	10.64	143	761793	34.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.22	165	1013239	32.40	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.74	131	1323831	35.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2870273	34.85	ng/ul	0.00
46) Acenaphthylene-d8	15.24	160	3142422	32.35	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.76	143	513741	27.16	ng/ul	-0.02
57) Fluorene-d10	16.59	176	2185746	32.40	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	16.71	200	554171	25.73	ng/ul	-0.02
70) Anthracene-d10	18.52	188	2889562	31.85	ng/ul	-0.02
76) Pyrene-d10	20.87	212	3374465	36.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2524129	32.73	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	11302	0.97	ng/uL#	72
4) Benzaldehyde	7.74	77	57822	2.32	ng/ul	94
6) Phenol	7.83	94	110943	2.89	ng/ul#	69
8) Bis(2-Chloroethyl)ether	8.04	93	97540	3.08	ng/ul#	85
10) 2-Chlorophenol	8.22	128	118048	3.08	ng/ul	96
11) 2-Methylphenol	9.14	108	90130	2.92	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	9.24	45	159912	2.87	ng/ul#	90
14) Acetophenone	9.53	105	134052	2.86	ng/ul#	77
15) N-Nitroso-di-n-propylamine	9.53	70	76704	2.76	ng/ul#	46
16) 4-Methylphenol	9.51	108	92734	2.78	ng/ul	93
17) Hexachloroethane	9.83	117	54244	2.93	ng/ul#	81
20) Nitrobenzene	9.93	77	116289	3.02	ng/ul#	82
21) Isophorone	10.49	82	221967	2.99	ng/ul#	91
23) 2-Nitrophenol	10.68	139	73027	3.17	ng/ul	94
24) 2,4-Dimethylphenol	10.76	107	117516	3.12	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.99	93	107754	3.01	ng/ul#	92
27) 2,4-Dichlorophenol	11.26	162	100869	3.22	ng/ul#	91
28) Naphthalene	11.66	128	302662	3.20	ng/ul	100
30) 4-Chloroaniline	11.76	127	120566	3.38	ng/ul	95
31) Hexachlorobutadiene	12.01	225	69637	3.25	ng/ul	93
32) Caprolactam	12.59	113	28530	2.51	ng/ul	96
33) 4-Chloro-3-methylphenol	12.93	107	94908	3.04	ng/ul	94
34) 2-Methylnaphthalene	13.32	142	209105	3.21	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	118012	3.10	ng/ul#	95
37) Hexachlorocyclopentadiene	13.72	237	46434	1.94	ng/ul	93
38) 2,4,6-Trichlorophenol	13.95	196	69462	3.01	ng/ul	97
39) 2,4,5-Trichlorophenol	14.03	196	69472	2.83	ng/ul	96
40) 1,1'-Biphenyl	14.36	154	261447	3.15	ng/ul#	96
41) 2-Chloronaphthalene	14.40	162	200696	3.03	ng/ul	97
42) 2-Nitroaniline	14.59	65	69511	2.73	ng/ul#	90
44) Dimethylphthalate	14.99	163	258657	3.14	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	60313	2.90	ng/ul#	83
47) Acenaphthylene	15.28	152	301693	3.20	ng/ul	99
48) 3-Nitroaniline	14.59	138	71630	2.63	ng/ul#	41
49) Acenaphthene	15.63	153	194976	3.02	ng/ul	93
50) 2,4-Dinitrophenol	15.65	184	23080	1.56	ng/ul#	1
52) 4-Nitrophenol	15.78	109	39643	2.58	ng/ul#	84
53) Dibenzofuran	15.98	168	297277	3.23	ng/ul	96
54) 2,4-Dinitrotoluene	15.92	165	85389	2.94	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	16.23	232	61949	2.89	ng/ul#	96
56) Diethylphthalate	16.42	149	272215	3.18	ng/ul	99
58) Fluorene	16.65	166	230135	3.07	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.63	204	116971	2.90	ng/ul#	80
60) 4-Nitroaniline	16.65	138	39952	1.86	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	16.73	198	58130	2.70	ng/ul#	86
64) N-Nitrosodiphenylamine	16.86	169	192817	2.95	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	75009m	2.89	ng/ul	
66) Hexachlorobenzene	17.73	284	79182	3.04	ng/ul	92
67) Atrazine	17.84	200	70794m	2.84	ng/ul	
68) Pentachlorophenol	18.07	266	40166	2.18	ng/ul	95
69) Phenanthrene	18.46	178	332553m	3.29	ng/ul	
71) Anthracene	18.56	178	337548	3.27	ng/ul	100
72) Carbazole	18.81	167	270496	3.14	ng/ul#	96
73) Di-n-butylphthalate	19.40	149	482481	3.43	ng/ul	98
74) Fluoranthene	20.50	202	343537	3.34	ng/ul#	90
77) Pyrene	20.88	202	409217	3.74	ng/ul#	93
78) Butylbenzylphthalate	21.79	149	199695	2.82	ng/ul#	81
79) 3,3'-Dichlorobenzidine	22.66	252	69236	1.87	ng/ul#	95
80) Benzo(a)anthracene	22.75	228	357482	3.36	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.68	149	280904	2.98	ng/ul#	93
82) Chrysene	22.83	228	320910	3.21	ng/ul	98
84) Di-n-octyl phthalate	22.68	149	280904	3.20	ng/ul#	65
85) Benzo(b)fluoranthene	24.89	252	310331	2.78	ng/ul#	98
86) Benzo(k)fluoranthene	24.95	252	276576	3.20	ng/ul#	96
88) Benzo(a)pyrene	25.72	252	272805	2.91	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.14	276	202397	2.47	ng/ul	95
90) Dibenzo(a,h)anthracene	29.16	278	161906	2.38	ng/ul#	90
91) Benzo(g,h,i)perylene	30.13	276	166792	2.58	ng/ul#	91

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

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