Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101816\
Data File : BB058638.D
Acq On : 18 Oct 2016 12:51
Operator : UM/SJ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-02-S-ML

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umangi
10/19/2016 1:46:44 PM

Quant Time: Oct 19 12:14:46 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 12:01:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	554581	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.64	136	2103091	20.00	ng/ul	-0.02
35) Acenaphthene-d10	15.59	164	1188469	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.44	188	1977677	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1964220	20.00	ng/ul	-0.02
83) Perylene-d12	25.89	264	1469884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	97818	7.99	ng/uL	0.00
5) Phenol-d5	7.83	99	1406541	34.91	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	1036775	38.41	ng/ul	-0.02
9) 2-Chlorophenol-d4	8.22	132	1521615	36.41	ng/ul	0.00
13) 4-Methylphenol-d8	9.47	113	1178823	35.35	ng/ul	-0.02
19) Nitrobenzene-d5	9.91	128	778698	35.81	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.68	143	888049	37.95	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.26	165	1165872	35.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.78	131	1596001	39.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.97	166	3076559	38.93	ng/ul	0.00
46) Acenaphthylene-d8	15.28	160	3640404	39.06	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	573494	31.60	ng/ul	-0.02
57) Fluorene-d10	16.63	176	2589447	40.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	638800	30.42	ng/ul	-0.02
70) Anthracene-d10	18.53	188	3143464	35.54	ng/ul	0.00
76) Pyrene-d10	20.88	212	3722746	43.13	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	2578021	38.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	13517	1.11	ng/uL#	76
4) Benzaldehyde	7.75	77	79397	3.06	ng/ul	83
6) Phenol	7.85	94	129122	3.24	ng/ul#	39
8) Bis(2-Chloroethyl)ether	8.06	93	118275	3.59	ng/ul#	78
10) 2-Chlorophenol	8.23	128	133346	3.35	ng/ul#	78
11) 2-Methylphenol	9.18	108	103966	3.24	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.27	45	226462	3.91	ng/ul#	88
14) Acetophenone	9.56	105	158885	3.26	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.56	70	98835	3.42	ng/ul#	56
16) 4-Methylphenol	9.52	108	107913	3.11	ng/ul	99
17) Hexachloroethane	9.85	117	63123	3.28	ng/ul#	66
20) Nitrobenzene	9.95	77	143140	3.51	ng/ul#	96
21) Isophorone	10.51	82	273242	3.47	ng/ul#	98
23) 2-Nitrophenol	10.72	139	78756	3.23	ng/ul	91
24) 2,4-Dimethylphenol	10.78	107	130215	3.26	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.01	93	128702	3.39	ng/ul#	96
27) 2,4-Dichlorophenol	11.28	162	108368	3.26	ng/ul#	85
28) Naphthalene	11.70	128	349587	3.49	ng/ul	99
30) 4-Chloroaniline	11.80	127	141303	3.73	ng/ul	99
31) Hexachlorobutadiene	12.05	225	71334	3.14	ng/ul	98
32) Caprolactam	12.62	113	33482m	2.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.95	107	107386	3.24	ng/ul	98
34) 2-Methylnaphthalene	13.34	142	229597	3.32	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	120015	3.29	ng/ul#	98
37) Hexachlorocyclopentadiene	13.74	237	46058	2.00	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.97	196	69232	3.12	ng/ul	99
39) 2,4,5-Trichlorophenol	14.05	196	72594	3.08	ng/ul	97
40) 1,1'-Biphenyl	14.38	154	268096	3.36	ng/ul	98
41) 2-Chloronaphthalene	14.41	162	204221	3.22	ng/ul	93
42) 2-Nitroaniline	14.61	65	82124	3.37	ng/ul#	83
44) Dimethylphthalate	15.01	163	272208	3.45	ng/ul#	96
45) 2,6-Dinitrotoluene	15.13	165	63178	3.16	ng/ul	95
47) Acenaphthylene	15.30	152	336133	3.72	ng/ul	100
48) 3-Nitroaniline	14.61	138	79665	3.05	ng/ul#	45
49) Acenaphthene	15.65	153	208894	3.37	ng/ul	95
50) 2,4-Dinitrophenol	15.67	184	23619	1.66	ng/ul#	1
52) 4-Nitrophenol	15.80	109	50002	3.39	ng/ul#	82
53) Dibenzofuran	15.99	168	305325	3.45	ng/ul#	85
54) 2,4-Dinitrotoluene	15.94	165	87928	3.16	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	16.24	232	63020	3.06	ng/ul#	86
56) Diethylphthalate	16.44	149	294742	3.59	ng/ul	97
58) Fluorene	16.67	166	232619	3.23	ng/ul	91
59) 4-Chlorophenyl-phenylether	16.67	204	120099	3.11	ng/ul	92
60) 4-Nitroaniline	16.67	138	41701	2.02	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.74	198	63304	3.02	ng/ul#	43
64) N-Nitrosodiphenylamine	16.88	169	198915	3.12	ng/ul	93
65) 4-Bromophenyl-phenylether	17.59	248	72474	2.86	ng/ul	92
66) Hexachlorobenzene	17.75	284	75491	2.97	ng/ul#	86
67) Atrazine	17.86	200	70757	2.91	ng/ul	89
68) Pentachlorophenol	18.09	266	38018	2.11	ng/ul	98
69) Phenanthrene	18.48	178	334660	3.40	ng/ul	99
71) Anthracene	18.57	178	358356	3.56	ng/ul	99
72) Carbazole	18.84	167	274439	3.27	ng/ul	99
73) Di-n-butylphthalate	19.42	149	491838	3.58	ng/ul	98
74) Fluoranthene	20.52	202	336919	3.36	ng/ul#	85
77) Pyrene	20.90	202	427439	4.16	ng/ul	96
78) Butylbenzylphthalate	21.81	149	198015	2.98	ng/ul#	79
79) 3,3'-Dichlorobenzidine	22.67	252	62307	1.80	ng/ul#	96
80) Benzo(a)anthracene	22.77	228	348597	3.49	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.69	149	282170	3.19	ng/ul#	93
82) Chrysene	22.85	228	308302	3.29	ng/ul	97
84) Di-n-octyl phthalate	22.69	149	282170	3.69	ng/ul#	70
85) Benzo(b)fluoranthene	24.91	252	303053	3.12	ng/ul#	95
86) Benzo(k)fluoranthene	24.97	252	245611	3.26	ng/ul#	94
88) Benzo(a)pyrene	25.74	252	247207	3.03	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.14	276	179202	2.51	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.18	278	137468	2.32	ng/ul#	87
91) Benzo(g,h,i)perylene	30.14	276	143333	2.54	ng/ul#	90

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

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