Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101116\
Data File : BB058604.D
Acq On : 11 Oct 2016 12:21
Operator : UM/SJ
Sample : MDL-01-S
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

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Quant Time: Oct 11 14:18:50 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 14:09:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	497679	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1884442	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1087789	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.42	188	1710793	20.00	ng/ul	-0.02
75) Chrysene-d12	22.79	240	1742970	20.00	ng/ul	-0.02
83) Perylene-d12	25.89	264	1426102	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	85010	7.74	ng/uL	0.00
5) Phenol-d5	7.79	99	1270760	35.15	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.95	67	900221	37.17	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1374581	36.65	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	1039774	34.74	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	701314	36.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	795434	37.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	1041198	35.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1376391	38.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2584869	35.74	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	3242438	38.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	564886	34.01	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2309150	38.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	610731	33.62	ng/ul	-0.02
70) Anthracene-d10	18.53	188	3112196m	40.68	ng/ul	0.00
76) Pyrene-d10	20.86	212	3057312	39.92	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.70	264	2484266	38.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	13366	1.23	ng/uL#	73
4) Benzaldehyde	7.73	77	74045	3.18	ng/ul	85
6) Phenol	7.83	94	123729	3.45	ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.04	93	104103	3.52	ng/ul#	85
10) 2-Chlorophenol	8.22	128	124668	3.49	ng/ul	94
11) 2-Methylphenol	9.16	108	95001	3.30	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.24	45	188242	3.62	ng/ul#	86
14) Acetophenone	9.52	105	151857	3.47	ng/ul#	75
15) N-Nitroso-di-n-propylamine	9.54	70	89518	3.46	ng/ul#	63
16) 4-Methylphenol	9.51	108	107284	3.45	ng/ul	94
17) Hexachloroethane	9.83	117	57367	3.32	ng/ul#	74
20) Nitrobenzene	9.93	77	131962	3.61	ng/ul#	93
21) Isophorone	10.49	82	245636	3.48	ng/ul	95
23) 2-Nitrophenol	10.68	139	75667	3.46	ng/ul	91
24) 2,4-Dimethylphenol	10.76	107	121982	3.40	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.99	93	116568	3.43	ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	102713	3.45	ng/ul	89
28) Naphthalene	11.66	128	327086	3.64	ng/ul	98
30) 4-Chloroaniline	11.78	127	126233	3.72	ng/ul	98
31) Hexachlorobutadiene	12.01	225	70181	3.45	ng/ul	95
32) Caprolactam	12.59	113	29856	2.76	ng/ul	90
33) 4-Chloro-3-methylphenol	12.95	107	98192	3.31	ng/ul#	82
34) 2-Methylnaphthalene	13.34	142	222302	3.59	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	118336	3.54	ng/ul#	96
37) Hexachlorocyclopentadiene	13.72	237	45617	2.16	ng/ul	97
38) 2,4,6-Trichlorophenol	13.95	196	68788	3.39	ng/ul	94
39) 2,4,5-Trichlorophenol	14.03	196	72115	3.35	ng/ul	97
40) 1,1'-Biphenyl	14.36	154	263412	3.61	ng/ul	99
41) 2-Chloronaphthalene	14.40	162	199716	3.44	ng/ul	92
42) 2-Nitroaniline	14.59	65	73407	3.29	ng/ul#	83
44) Dimethylphthalate	14.99	163	253752	3.51	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	61727	3.38	ng/ul	97
47) Acenaphthylene	15.28	152	330187	3.99	ng/ul	99
48) 3-Nitroaniline	14.59	138	75624	3.16	ng/ul#	46
49) Acenaphthene	15.65	153	199788	3.52	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	23280	1.79	ng/ul	91
52) 4-Nitrophenol	15.78	109	44331	3.28	ng/ul#	67
53) Dibenzofuran	15.97	168	287906	3.56	ng/ul#	84
54) 2,4-Dinitrotoluene	15.92	165	83290	3.27	ng/ul#	47
55) 2,3,4,6-Tetrachlorophenol	16.22	232	61034	3.24	ng/ul#	77
56) Diethylphthalate	16.42	149	290711	3.87	ng/ul	95
58) Fluorene	16.67	166	223770	3.40	ng/ul	89
59) 4-Chlorophenyl-phenylether	16.65	204	127632	3.61	ng/ul	99
60) 4-Nitroaniline	16.65	138	36004	1.91	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.73	198	51011	2.81	ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	201350	3.65	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	73576	3.36	ng/ul#	87
66) Hexachlorobenzene	17.73	284	71431	3.25	ng/ul#	69
67) Atrazine	17.84	200	70294	3.34	ng/ul	90
68) Pentachlorophenol	18.07	266	41362	2.66	ng/ul	96
69) Phenanthrene	18.46	178	321348	3.77	ng/ul	100
71) Anthracene	18.55	178	313790	3.61	ng/ul	99
72) Carbazole	18.82	167	278082	3.83	ng/ul#	97
73) Di-n-butylphthalate	19.42	149	445105	3.75	ng/ul	97
74) Fluoranthene	20.52	202	356226	4.11	ng/ul#	95
77) Pyrene	20.90	202	356572	3.91	ng/ul#	92
78) Butylbenzylphthalate	21.79	149	186598	3.16	ng/ul#	71
79) 3,3'-Dichlorobenzidine	22.67	252	55602	1.81	ng/ul#	98
80) Benzo(a)anthracene	22.77	228	333701	3.76	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	267667	3.41	ng/ul#	96
82) Chrysene	22.83	228	295082	3.55	ng/ul	98
84) Di-n-octyl phthalate	22.69	149	267667	3.61	ng/ul#	64
85) Benzo(b)fluoranthene	24.91	252	291763m	3.10	ng/ul	
86) Benzo(k)fluoranthene	24.98	252	257257	3.52	ng/ul	99
88) Benzo(a)pyrene	25.74	252	262194	3.31	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.20	276	205366	2.97	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.24	278	167010	2.91	ng/ul#	91
91) Benzo(g,h,i)perylene	30.20	276	169040	3.09	ng/ul#	92

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

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