Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004405.D
Acq On : 13 Feb 2019 22:30
Operator : JU/SJ
Sample : MDL-S-ME-03
Misc : 1PPM/4PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-03

Quant Time: Feb 14 06:51:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:43:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	26667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	128875	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	83985	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	207969	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	277914	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	320081	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2841	6.41	ng/uL	0.00
5) Phenol-d5	6.90	99	62393	26.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	34352	28.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	56099	29.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	55534	27.19	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	26902	31.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	28604	32.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	57038	28.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	81117	36.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	217846	30.59	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	260037	30.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	35057	25.71	ng/ul	0.00
58) Fluorene-d10	15.38	176	190647	30.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	30098	24.82	ng/ul	0.00
71) Anthracene-d10	17.23	188	310711	31.17	ng/ul	0.00
79) Pyrene-d10	19.53	212	377231	30.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	461694	27.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	800	1.466	ng/uL#	73
4) Benzaldehyde	6.90	77	3319	2.433	ng/ul	84
6) Phenol	6.93	94	7682	3.237	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	6085	3.585	ng/ul	99
10) 2-Chlorophenol	7.31	128	6677	3.480	ng/ul	99
11) 2-Methylphenol	8.18	108	5493	2.894	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.27	45	7245	3.601	ng/ul	97
14) Acetophenone	8.57	105	9807	3.221	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	4013	3.073	ng/ul#	92
16) 4-Methylphenol	8.50	108	6768	3.222	ng/ul	91
17) Hexachloroethane	8.82	117	2457	3.657	ng/ul	94
20) Nitrobenzene	8.95	77	7015	3.758	ng/ul	96
21) Isophorone	9.46	82	11571	3.026	ng/ul	98
23) 2-Nitrophenol	9.65	139	3781	3.785	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	7840	3.479	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	8034	3.238	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	7269	3.646	ng/ul	93
28) Naphthalene	10.58	128	24899	3.747	ng/ul	100
30) 4-Chloroaniline	10.70	127	7840	3.508	ng/ul	94
31) Hexachlorobutadiene	10.85	225	4974	3.859	ng/ul	97
32) Caprolactam	11.49	113	1129	1.677	ng/ul	97
33) 4-Chloro-3-methylphenol	11.81	107	6446	2.998	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	19242	3.775	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	18654	3.711 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	10779	3.855 ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	5521	3.176 ng/ul	96
39) 2,4,6-Trichlorophenol	12.80	196	4871	2.949 ng/ul	96
40) 2,4,5-Trichlorophenol	12.87	196	5745	3.096 ng/ul	99
41) 1,1'-Biphenyl	13.22	154	25543	3.764 ng/ul	99
42) 2-Chloronaphthalene	13.26	162	19540	3.702 ng/ul	98
43) 2-Nitroaniline	13.47	65	2738	2.541 ng/ul	95
45) Dimethylphthalate	13.85	163	26227	3.725 ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3218	2.592 ng/ul#	95
48) Acenaphthylene	14.11	152	30053	3.751 ng/ul	98
49) 3-Nitroaniline	14.30	138	2674	2.111 ng/ul#	86
50) Acenaphthene	14.45	153	21921	3.798 ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1446	1.872 ng/ul	96
53) 4-Nitrophenol	14.59	109	3421	3.374 ng/ul	90
54) Dibenzofuran	14.79	168	32041	3.838 ng/ul	100
55) 2,4-Dinitrotoluene	14.75	165	6075	3.119 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5272	3.114 ng/ul#	99
57) Diethylphthalate	15.21	149	23126	3.328 ng/ul	99
59) Fluorene	15.43	166	25826	3.817 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	13727	3.834 ng/ul	96
61) 4-Nitroaniline	15.46	138	3265	1.980 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.51	198	4182	3.280 ng/ul#	83
65) N-Nitrosodiphenylamine	15.65	169	21723	3.647 ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	8475	3.647 ng/ul	96
67) Hexachlorobenzene	16.43	284	10092	3.708 ng/ul	97
68) Atrazine	16.59	200	6379	2.781 ng/ul	98
69) Pentachlorophenol	16.77	266	3799	2.394 ng/ul	96
70) Phenanthrene	17.17	178	44163	3.827 ng/ul	100
72) Anthracene	17.27	178	44188	3.804 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10953	3.840 ng/uL	99
74) Pentachlorobenzene	14.70	250	11746	3.852 ng/uL	99
75) Carbazole	17.54	167	35911	3.460 ng/ul	100
76) Di-n-butylphthalate	18.10	149	31021	2.722 ng/ul	100
77) Fluoranthene	19.20	202	51462	3.623 ng/ul	97
80) Pyrene	19.56	202	58102	3.780 ng/ul	100
81) Butylbenzylphthalate	20.47	149	12402	2.348 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	11144	1.912 ng/ul	99
83) Benzo(a)anthracene	21.32	228	60875	3.554 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	18428	2.328 ng/ul	98
85) Chrysene	21.37	228	61639	3.791 ng/ul	98
87) Di-n-octyl phthalate	22.13	149	33527	2.188 ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	68954	3.638 ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	65623	3.561 ng/ul	99
91) Benzo(a)pyrene	23.50	252	69640	3.765 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.89	276	84650	3.604 ng/ul	96
93) Dibenzo(a,h)anthracene	25.91	278	71636	3.666 ng/ul	99
94) Benzo(g,h,i)perylene	26.60	276	72513	3.684 ng/ul	98

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

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